# Form 3160-3 (February 2005)

# RECEIVED

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FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES

DEPARTMENT OF THE INTERIOR DIV. OF OIL. GAS & MINING

5. Lease Serial No. U-01304

VTER		7. If Unit or CA Agreem		
· ·	la. Type of work:			
Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone			8. Lease Name and Well No.  East Chapita 68-04	
		9. API Well No.	7.362F	
3b. Phone No. (include area code) 435-781-9111	1 ' '		oloratory Vasatch/Mesaverde	
39.975658 Lat 109.573911 Lon	947	·	•	
5.00 noq - 144.55		12. County or Parish Uintah	13. State	
16. No. of acres in lease 2451	17. Spacin	g Unit dedicated to this wel	l	
19. Proposed Depth <b>9520</b>				
22. Approximate date work will sta	rt*	23. Estimated duration 45 Days	·	
24. Attachments				
4. Bond to cover the learn 20 above).  m Lands, the 5. Operator certification.	he operation	ns unless covered by an exi		
Name (Printed Typed)  Kaylene R. Gardne	r	Da	ute 04/26/2007	
(ENVIRONMENTAL M	IANAGEF	. े <u>े</u> १	5-02-07	
	435-781-9111  any State requirements.*) 39.975658 Lat 109.573911 Lon  16. No. of acres in lease 2451  19. Proposed Depth 9520  22. Approximate date work will sta  24. Attachments hore Oil and Gas Order No.1, must be a  4. Bond to cover to litem 20 above).  5. Operator certific 6. Such other site BLM.  Name (Printed Typed) Kaylene R. Gardner  Name (Printed Typed)  BRADLEY G.  OENVIRONMENTAL M.  Olds legal or equitable title to those righ	435-781-9111  arry State requirements*) 39.975658 Lat 109.573911 Lon 0.06913 4 - 169.33 944  16. No. of acres in lease 2451 40 19. Proposed Depth 9520 NM 2  22. Approximate date work will start*  24. Attachments hore Oil and Gas Order No.1, must be attached to the ltem 20 above).  4. Bond to cover the operation ltem 20 above). 5. Operator certification 6. Such other site specific information (and the start of the star	3b. Phone No. (include area code) 435-781-9111  arry State requirements.*) 39.975658 Lat 109.573911 Lon D. O.	

\*(Instructions on page 2)

#### EOG RESOURCES, INC. T9S, R23E, S.L.B.&M. Well location, EAST CHAPITA #68-4, located as 1977 Bross Cop. 0.5' High, Pile of shown in Lot 4 of Section 4, T9S, R23E, Stones T8S S89°52'27"E - 2644.70' (Meas.) S.L.B.&M., Uintah County, Utah. S89°55'W - 2641.32' (G.L.O.) T9S 1977 Brass Cap. BASIS OF ELEVATION 0.6' High, Set Stone BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 LOT 4 LOT 3 LOT 2 LOT 1 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE EAST CHAPITA #68-4 UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL 2547.60 Elev. Ungraded Ground = 4927' SURVEY, SAID ELEVATION IS MARKED AS BEING 5132 FEET. 465 BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. W\_CO.7Z.OON WCC15W 1977 Brass Cop. 1.2' High, PHe of Stones 1977 Bross Cop. 0.5' High SCALE CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PLAT 3.05,81.00S FIELD NOTES OF ACTUAL SURVEYS MADE A SUPERVISION AND THAT THE SAME ARE BEST OF MY KNOWLEDGE AND BELIEF 1977 Brase Cop. 1977 Brass Cop. 1.2' High, 2x4 1.0' High, Steel Post REVISED: 05-11-06 S89'47'52"W - 2632.87' (Meas.) S89'58'13"W - 2643.94' (Megs.) 1977 Bross Cap, LAND SURVEYING 0.5' High, Pile of Stones UINTAH ENGINEERING 86 SOUTH 200 EAST -VERNAL UTAH 84078 (NAD 83) (435) 789-1017 LATITUDE = 40°04'08.83" (40.069119) LEGEND: LONGITUDE = 109'20'23.45" (109.339847) SCALE DATE SURVEYED: DATE DRAWN: (NAD 27) 1" = 1000" 11-10-06 = 90° SYMBOL LATITUDE = 40°04'08.96" (40.069156) PARTY REFERENCES LONGITUDE = 109'20'21.00" (109.339167) G.S. J.H. C.H. G.L.O. PLAT = PROPOSED WELL HEAD. WEATHER = SECTION CORNERS LOCATED. COOL EOG RESOURCES, INC.

11-15-06



EOG Resources, Inc. 1060 E Hwy 40 Vernal, Utah 84078

**CERTIFIED MAIL** 

ARTICLE NO: 7006 0100 0004 0589 1724

April 27, 2007

Encana Oil & Gas (USA) Inc. 950 17th Street, Suite 2600 Denver, Colorado 80202 Attn: Mr. Barrett Brannon

RE: COMMINGLING APPLICATION

East Chapita 68-04
East Chapita 64-05
SECTION 4 T9S, R23E
UINTAH COUNTY, UTAH

LEASE: U-01304

Mr. Barrett Brannon:

EOG Resources, Inc. has filed an application with the State of Utah Department of Oil Gas and Mining requesting commingling approval in the Wasatch, and Mesaverde formations for the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch, and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

Sincerely,

Kaylehe R. Gardner Sr. Regulatory Assistant ) ss

# COUNTY OF UINTAH )

# VERIFICATION

Kaylene R. Gardner, of lawful age, being first duly sworn upon oath, deposes and says:

She is the Sr. Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

# EAST CHAPITA 68-04 1046' FNL & 465' FWL (NWNW) SECTION 4, T9S, R23E UINTAH COUNTY, UTAH

EOG Resources, Inc., and EnCana Oil & Gas (USA) Inc., Exhibit A are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 26<sup>th</sup> day of April, 2007 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope which contained these instruments was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management and EnCana Oil & Gas (USA) Inc..

Further affiant saith not.

Kaylene R. Gardner Sr. Regulatory Assistant

Subscribed and sworn before me this 26<sup>th</sup> day of April, 2007.

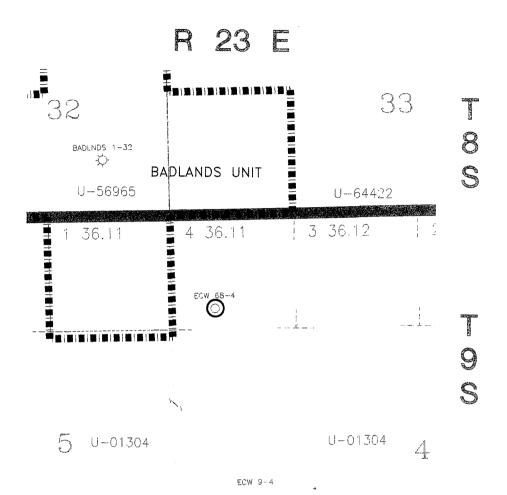
Notary Public
CHERYLE A. SNOW
3123 West 1790 South
Vernel, Utah 84078
My Commission Expires
August 1, 2009
State of Utah

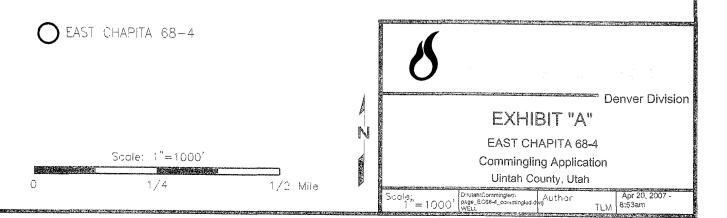
Mengle A. Snow Notary Public

My Commission Expires: August 1, 2009

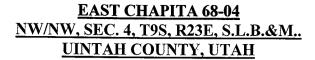
# Exhibit "A" to Affidavit East Chapita 68-04 Application to Commingle

EnCana Oil & Gas (USA) Inc. 370 17<sup>th</sup> Street, Suite 1700 Denver, Colorado 80202 Attention: Mr. Barrett Brannon









# 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	2,007		Shale	
Wasatch	4,931	Primary	Sandstone	Gas
Chapita Wells	5,536	Primary	Sandstone	Gas
Buck Canyon	6,160	Primary	Sandstone	Gas
North Horn	6,784	Primary	Sandstone	Gas
KMV Price River	7,279	Primary	Sandstone	Gas
KMV Price River Middle	8,141	Primary	Sandstone	Gas
KMV Price River Lower	8,966	Primary	Sandstone	Gas
Sego	9,313		Sandstone	
TD	9,520			

Estimated TD: 9,520' or 200'± below Sego top

Anticipated BHP: 5,198 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft  $\pm$  of the Green River Formation, with top at about 2,000 ft  $\pm$ .
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

3. PRESSURE CONTROL EQUIPMENT:

Production Hole – 5000 Psig BOP schematic diagrams attached.





# EAST CHAPITA 68-04 NW/NW, SEC. 4, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

#### 4. CASING PROGRAM:

<u>CASING</u>	<u>Hole</u> Size	<u>Length</u>	<u>Size</u>	<u>WEIGHT</u>	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	17 ½"	0 – 45'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface	12 1/4"	0-2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface – TD	4-1/2"	11.6#	N-80	LTC	6350 PSI	7780 Psi	223,000#

Note:  $12-\frac{1}{4}$ " surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5%" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

# All casing will be new or inspected.

#### 5. Float Equipment:

# Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

# Production Hole Procedure (2300'± - TD):

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

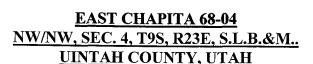
#### 6. MUD PROGRAM

# Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

<u>Production Hole Procedure (2300' $\pm$  - TD):</u> Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

# EIGHT POINT PLAN



A closed mud system will be utilized. A bentonite gelled water mud system will be used  $2300' \pm - TD$ to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

# 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 2 - Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

# 9. **CEMENT PROGRAM:**

# Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCI<sub>2</sub>, 3 lb/sx GR3 1/4 #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

207 sks Class "G" cement with 2% CaCI<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Top Out: As necessary with Class "G" cement with 2% CaCI<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail cement to

500'above the casing shoe.



# EAST CHAPITA 68-04 NW/NW, SEC. 4, T9S, R23E, S.L.B.&M.. UINTAH COUNTY, UTAH

# Production Hole Procedure (2300'± - TD)

Lead:

151 sks: Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

895 sks: 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13

(Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at

14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

### 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

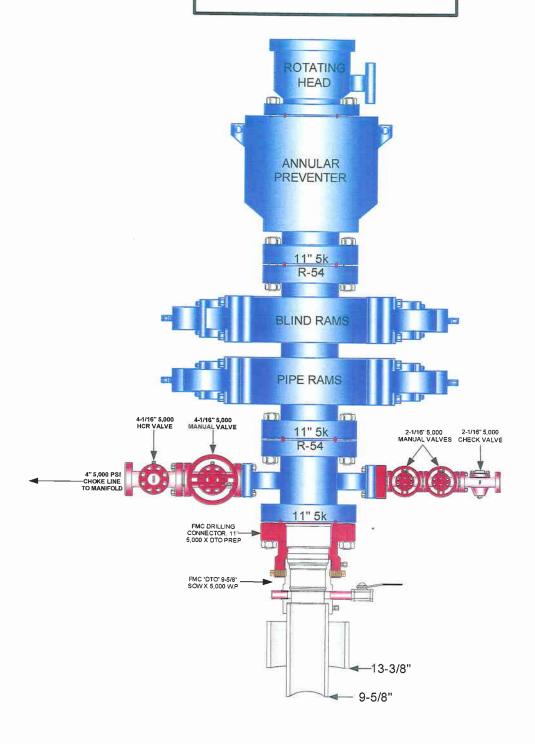
#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

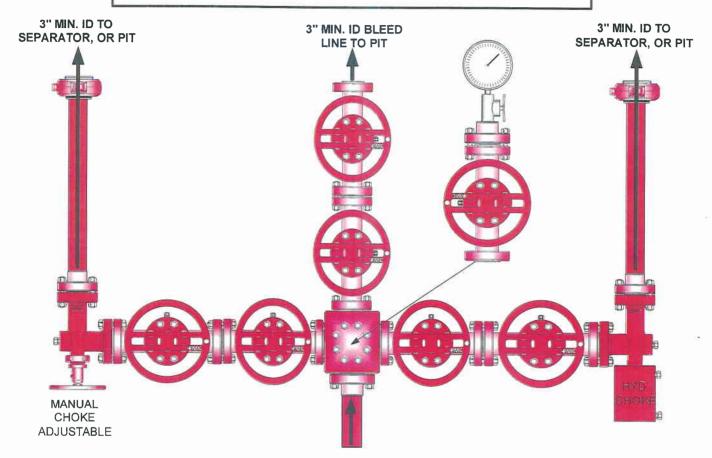
# EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

#### PAGE 1 OF 2



# EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

**PAGE 2 0F 2** 



4" 5,000 PSI CHOKE LINE FROM HCR . VALVE

#### **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



# East Chapita 68-04 NWNW, Section 4, T9S, R23E Uintah County, Utah

# SURFACE USE PLAN

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 528 feet long with a 40-foot right-of-way, disturbing approximately 0.48 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.32 acres. The pipeline is approximately 1149 feet long with a 40-foot right-of-way, disturbing approximately 1.05 acres.

# 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 59.0 miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 1320 in length, CMP/CPP's shall be installed as needed. See attached Topo B.
- B. The access road has a 40 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

- I. A 40-foot permanent right-of-way is requested. No surfacing material will used.
- J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 40 foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

The entire length of the proposed access road is located within lease. Therefore, an off-lease right-of-way is not required.

### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

# 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 1149 x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU-01304) proceeding in a southerly direction for an approximate distance of 610 to Section 5, T9S, R23E proceeding for an approximate distance of 539' tieing into an existing pipeline in the SENE of Section 5, T9S, R23E. Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- Proposed pipeline will be laid on surface.
- 6. A 20-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
- 7. The proposed pipeline route begins in the NWSE of section 5, T9S, R23E, proceeding southerly for an approximate distance of 1149' to the SWSE of section 5, T9S, R23E.
- 8. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

# 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

# 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

# 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with felt and a 16 millimeter plastic liner. Sufficient bedding (i.e. weed free straw, or hay; felt; polyswell or soil) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the north side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil east of corner #5. The location topsoil will be stockpiled providing easy access for interim reclamation and protection from existing topography. Upon completion of construction, the

stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpiller tractor.

Access to the well pad will be from the west.

The north side of the location shall be bermed after the reserve pit is closed diverting runoff water around the location.

#### FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

# 10. PLANS FOR RECLAMATION OF THE SURFACE:

### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Seed Mixture	Drilled Rate (lbs./acre PLS*)		
Crested Wheatgrass	9.0		
Kochia Prostrata	3.0		

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)		
Gardner saitbush	3.0		
Shadscale	3.0		
Crested Wheatgrass	3.0		

<sup>\*</sup>Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

**Bureau of Land Management** 

#### 12. OTHER INFORMATION:

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:
  - Whether the materials appear eligible for the National Register of Historic Places;
  - The mitigation measures the operator will likely have to undertake before the site can be used.
  - A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey will be conducted and submitted by Montgomery Archaeological Consultants. A paleontological survey will be conducted and submitted by Intermountain Paleo.

#### **Additional Surface Stipulations:**

No construction or drilling activities will be conducted between May  $15^{\rm th}$  and June  $20^{\rm th}$  due to Antelope stipulations.

A survey for Uintah Basin Hookless Cactus will be conducted and submitted by Grasslands Consulting.

A water diversion dam shall be constructed north of corner 5&6 with a ditch constructed leading to an additional diversion dam east of corner 7 & 8. Ditching shall be constructed diverting water along the south side of the location. Both dams shall have a cobble rock spillway.

The proposed location is approximately 1222' from the existing East Chapita 5-5 location located within NENE of Section 5, T9S, R23E, therefore a directional alternative is not required.

# LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### PERMITTING AGENT

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, Ut 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the East Chapita 68-04 well, located in the NWNW, of Section 4, T9S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

April 26, 2007	<del></del>	Lange Dann
Date		Kaylene R. Gardner, Sr. Regulatory Assistant
		l V
Onsite Date:	March 28, 2007	<u> </u>

# EOG RESOURCES, INC.

EAST CHAPITA #68-4

LOCATED IN UINTAH COUNTY, UTAH SECTION 4, T9S, R23E, S.L.B.&M.

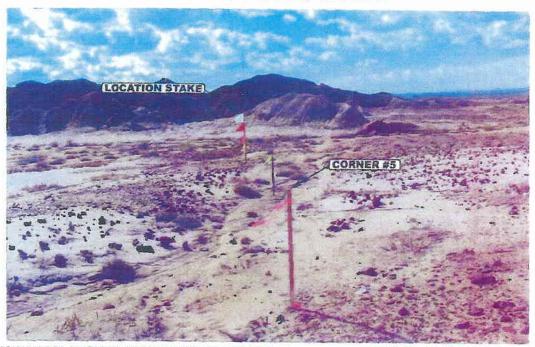


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

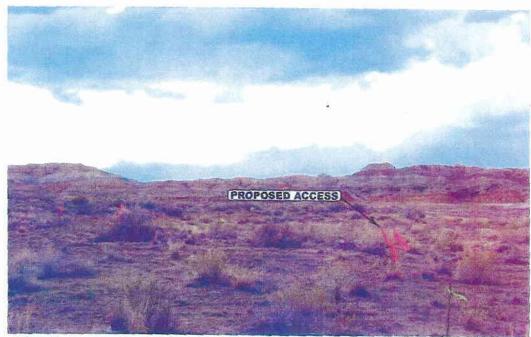


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 Uels@uelsinc.com

LOCATION PHOTOS 06

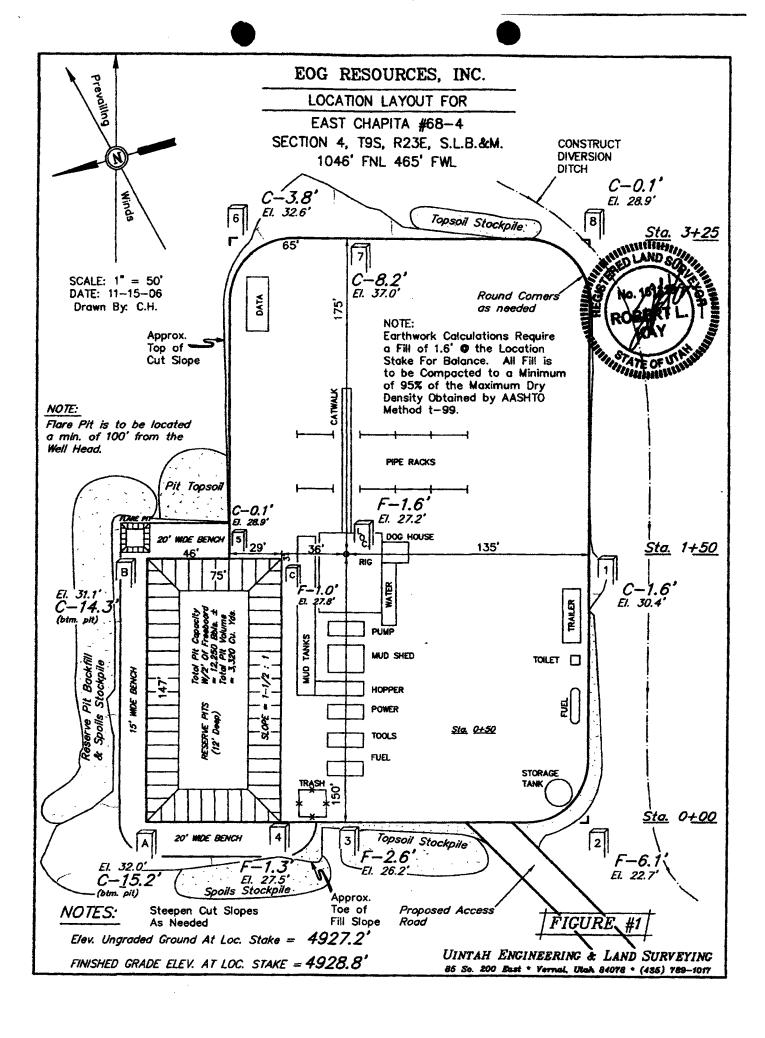
РНОТО

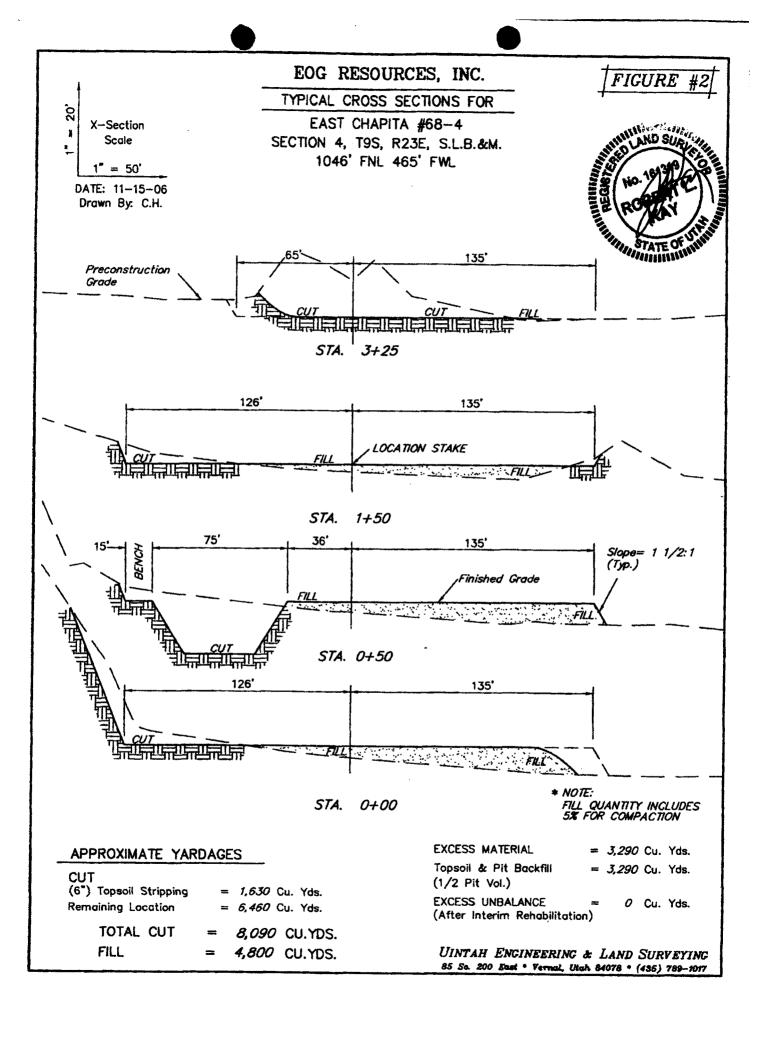
TAKEN BY: GS. | DRAWN BY: L.K. | REVISED: 00-00-00

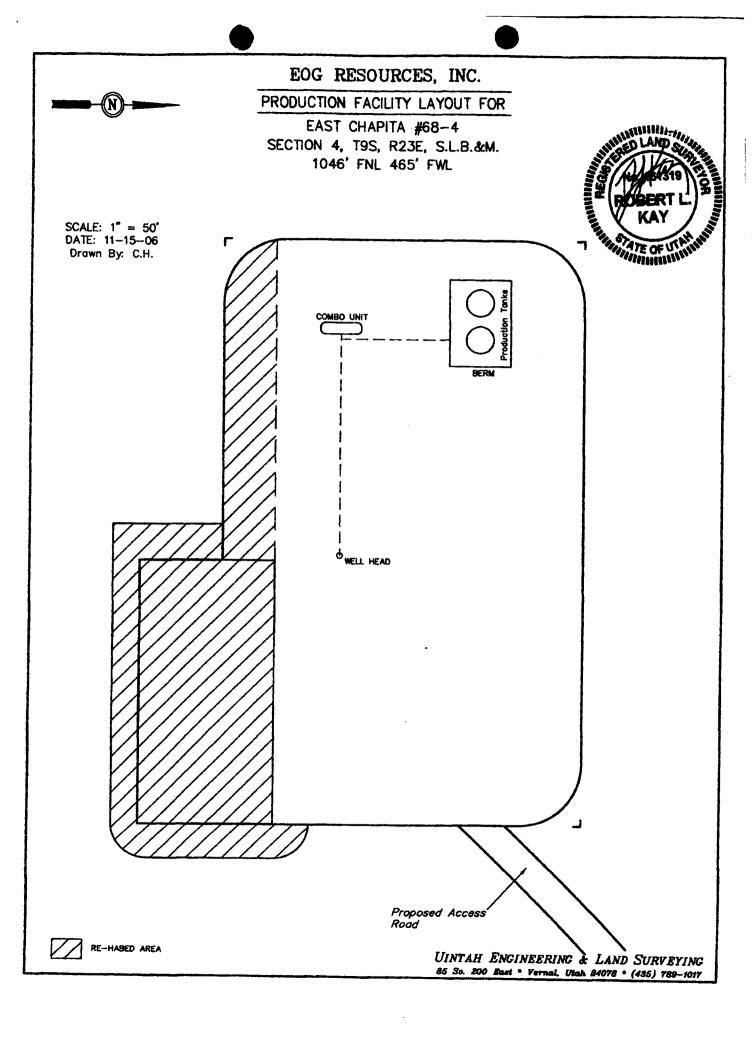
# EOG RESOURCES, INC. EAST CHAPITA #68-4 SECTION 4, T9S, R23E, S.L.B.&M.

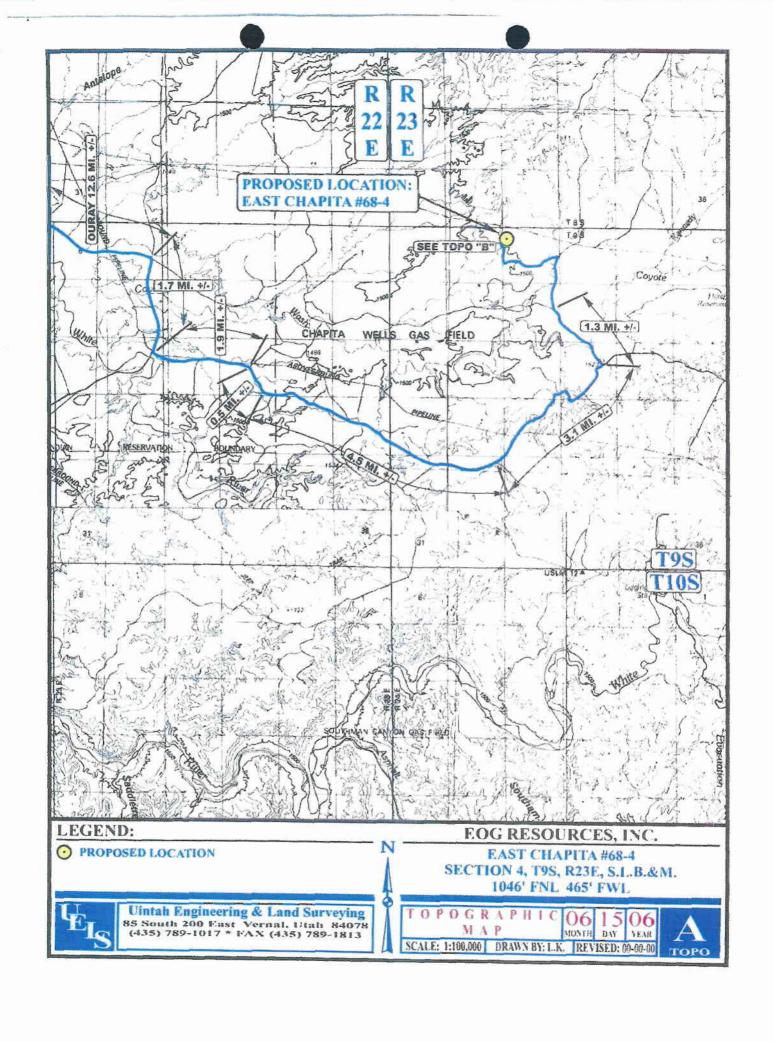
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 TO OURAY, UTAH; PROCEED IN A SOUTHERLY APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #12-5 TO THE SOUTHWEST: FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN WESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #39-4 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #45-5 TO THE NORTHWEST; FOLLOW ROAD FLAGS IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

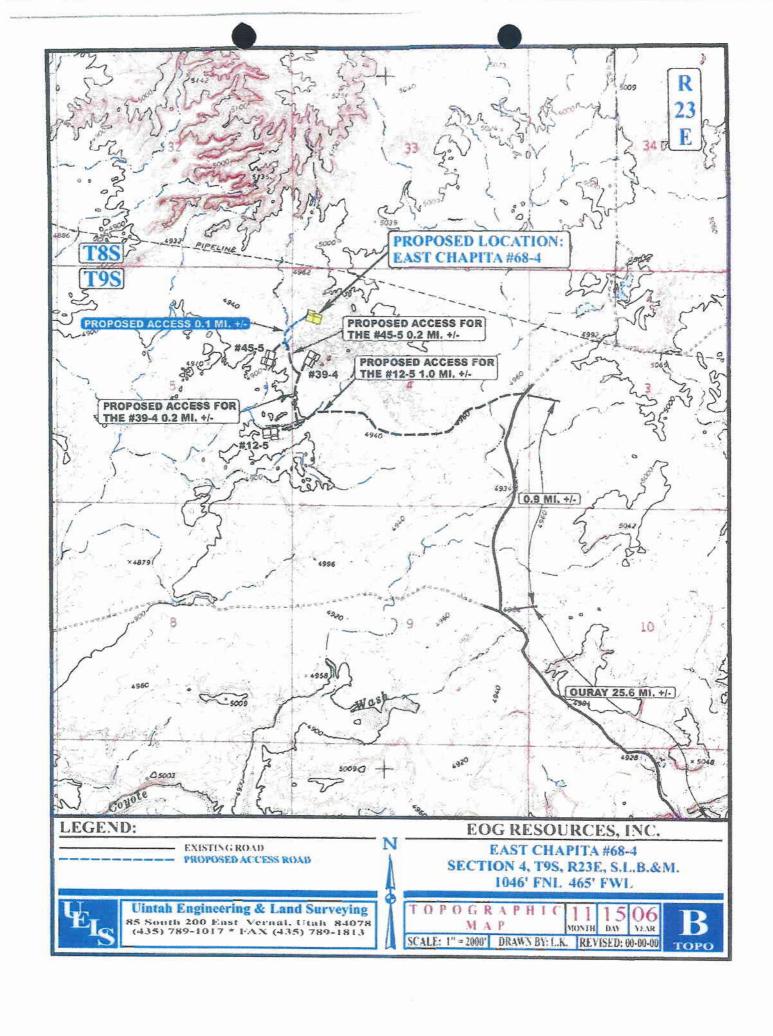
TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 59.0 MILES.

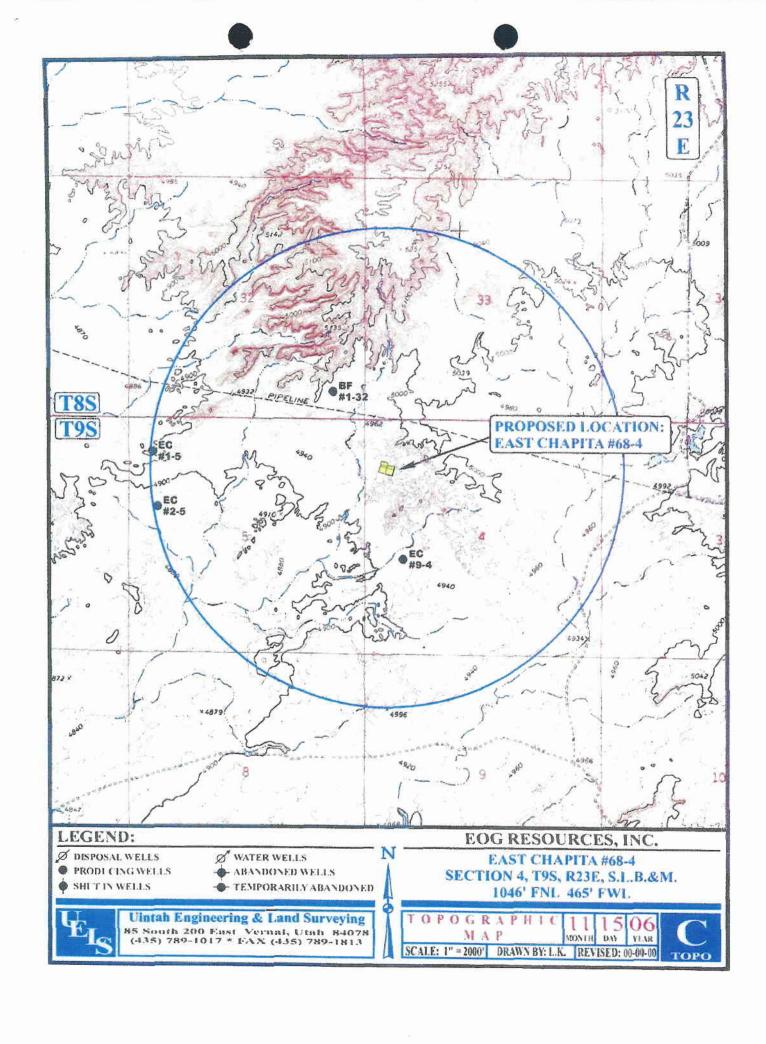


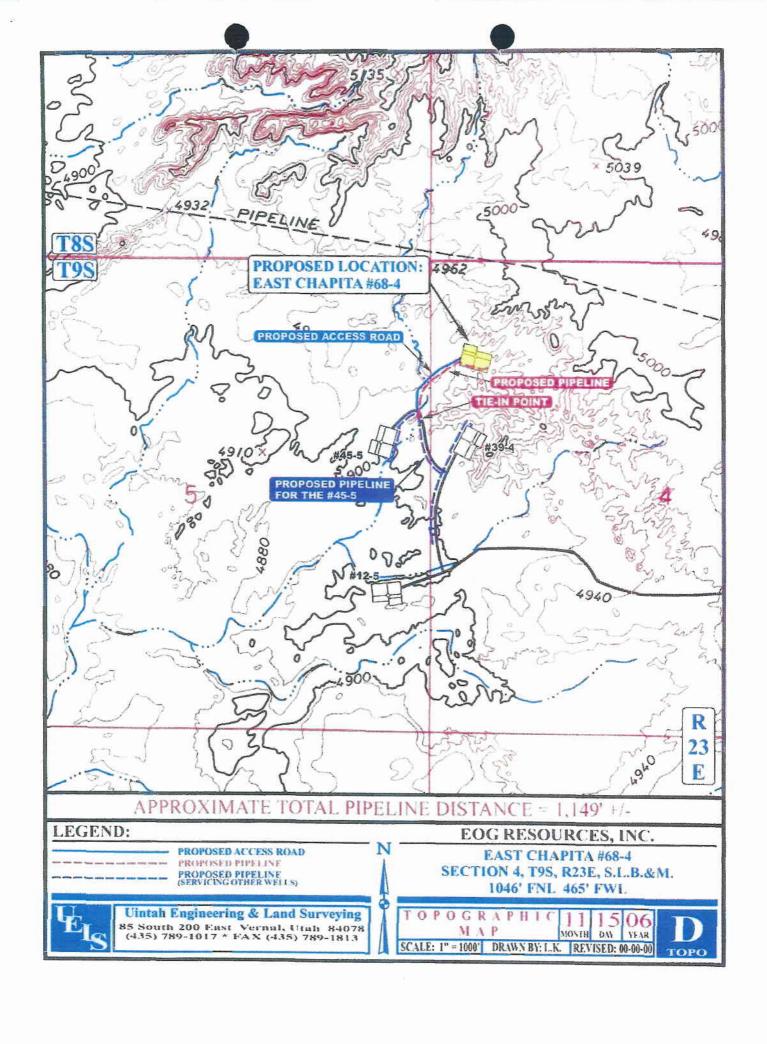




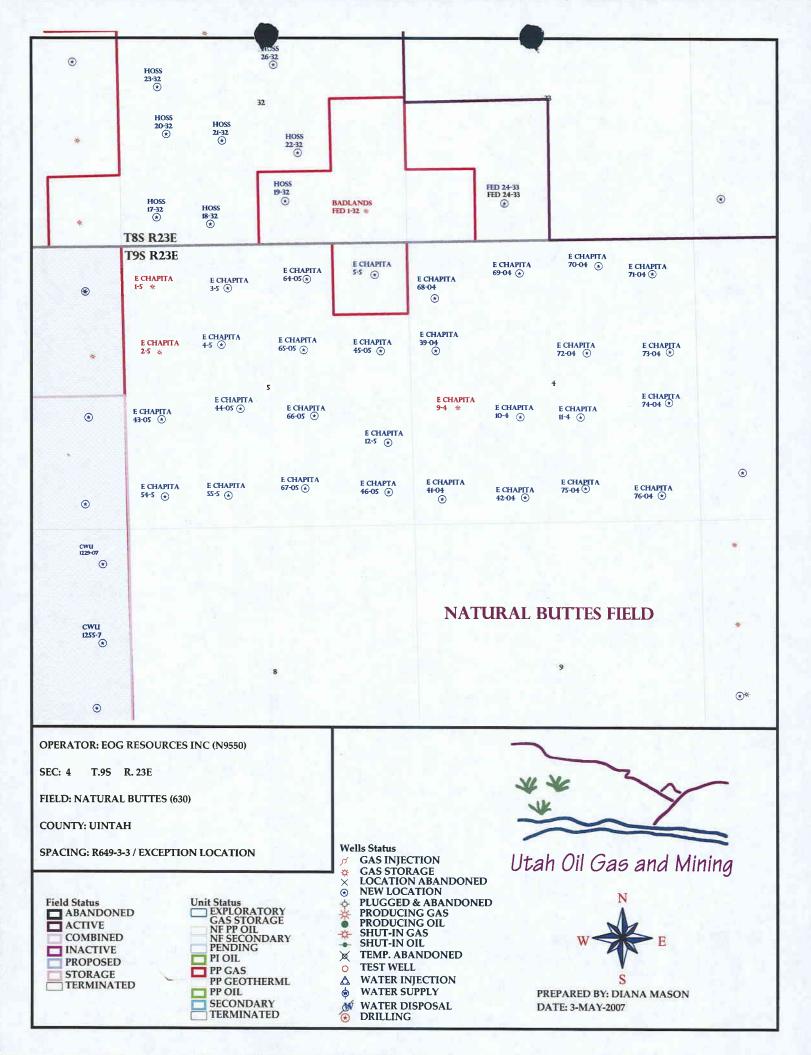








APD RECEIVED: 05/01/2007		API NO. ASSIG	NED: 43-04	7-39279
WELL NAME: E CHAPITA 68-04  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: KAYLENE GARDNER		PHONE NUMBER:	435-781-911	1
PROPOSED LOCATION:		INSPECT LOCATN	BY: /	/
NWNW 04 090S 230E SURFACE: 1046 FNL 0465 FWL		Tech Review	Initials	Date
BOTTOM: 1046 FNL 0465 FWL		Engineering	Duro	5/10/07
COUNTY: UINTAH LATITUDE: 40.06913 LONGITUDE: -109.3392		Geology		
UTM SURF EASTINGS: 641634 NORTHINGS: 44365	542	Surface		
LEASE TYPE: 1 - Federal  LEASE NUMBER: U-01304  SURFACE OWNER: 1 - Federal  RECEIVED AND/OR REVIEWED:	LOCATI	PROPOSED FORMA!  COALBED METHAN!  TON AND SITING:		IVD
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM 2308  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-225  RDCC Review (Y/N)  (Date:  )  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)  (Wasatch , Mesaverde)	Unit: F	R649-2-3.  R649-3-2. Gener Siting: 460 From Qr R649-3-3. Excep Drilling Unit Board Cause No: Eff Date: Siting: R649-3-11. Dire	tr/Qtr & 920' E	
STIPULATIONS:  STIPULATIONS:  Spacing Spacing Stranger				





EOG Resources, Inc.

600 Seventeenth Street Suite 1000N Denver, CO 80202 Main: 303-572-9000 Fax: 303-824-5400

June 27, 2007

State of Utah
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: Ms. Diana Whitney

RECEIVED
JUN 2 9 2007

DIV. OF OIL, GAS & MINING

RE:

Request for Exception to Location

and Siting of Wells
East Chapita 68-4

NW/4NW/4 (Lot 4) of Sec. 4-9S-23E

Uintah County, Utah Chapita Wells Prospect

1500-G06

Ladies and Gentlemen:

EOG Resources, Inc. ("EOG") proposes and respectfully requests permission to drill the East Chapita 68-4, a 9,520' Wasatch/Mesaverde test well, at a location 1046' FNL, 465' FWL (Lot 4) in the NW/4NW/4 of Section 4, Township 9 South, Range 23 East, SLM, Uintah County, Utah, which is not a location at which a well could be drilled in compliance with General Rule R649-3-2.

The subject East Chapita 68-4 location was first selected based on geology. EOG endeavored to stake it at a legal location in accordance with General Rule R649-3-2, but found that a legal location could not be found due to drainage from a series of bentonite hills. Therefore, EOG is requesting this exception location.

Enclosed is a copy of the survey plat for the proposed well and another plat labeled Exhibit "A" which depicts the outlines of the 40-acre drilling units established in General Rule R649-3-2 and the location at which EOG requests permission to drill the proposed East Chapita 68-4 well. There are no other owners within the 460' radius of the proposed East Chapita 68-4 well (see enclosed Exhibit "B").

EOG respectfully requests the Utah Division of Oil, Gas and Mining review and grant administrative approval of this application for an exception well location and permission to drill the proposed Wasatch/Mesaverde formation well described herein at its earliest opportunity.

Division of Oil, Gas and Mining June 27, 2007, 2007 Page 2 of 2

If you have any questions or need any additional information, please do not hesitate to contact the undersigned.

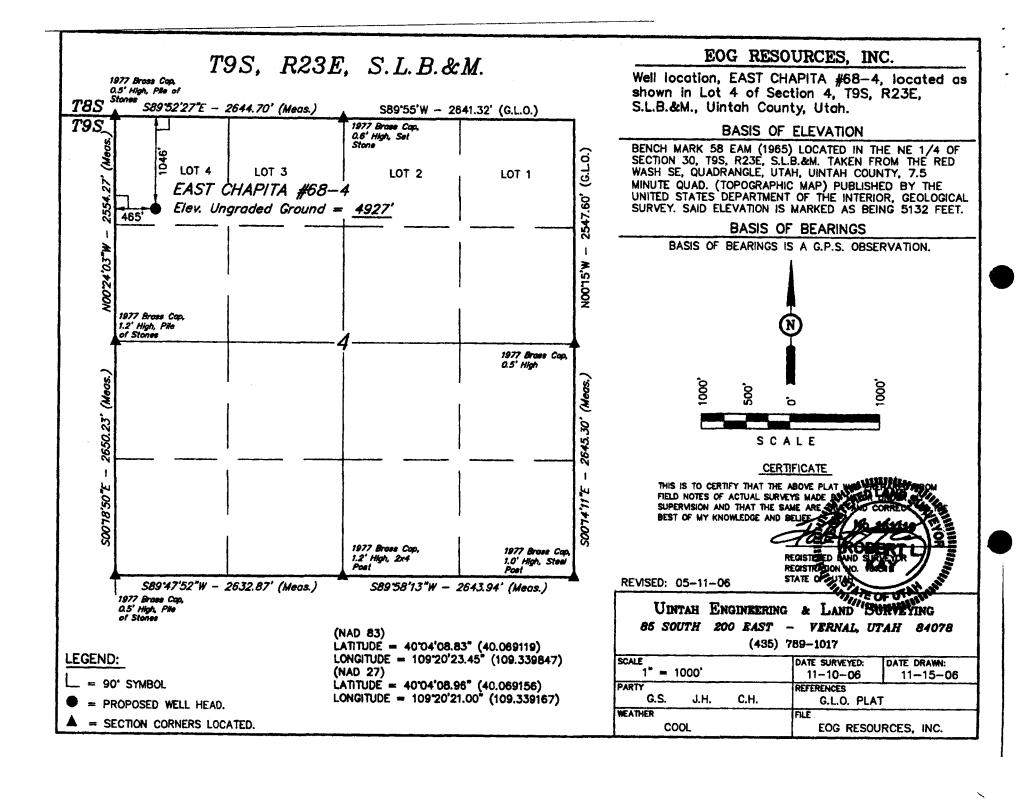
Yours very truly,

EOG RESOURCES, INC.

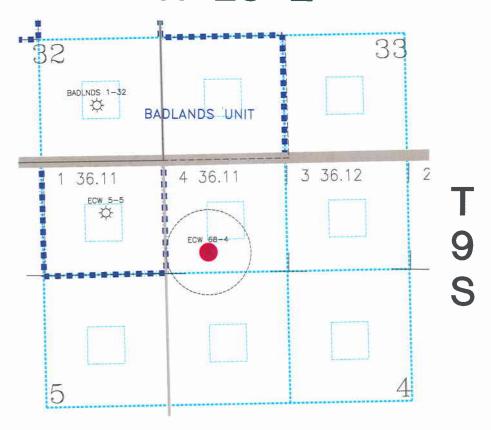
Debbie Spears Land Associate

/das Enclosures M:\das\exceptionlocation\ec68-4.doc

cc: Kaylene Gardner (with copies of enclosures)
Denver Well File (with copies of enclosures)



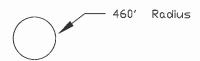
## R 23 E



Oil or Gas well location pattern pursuant to Utah Administrative Code Rule R 649-3-2

Legal window within which an oil or gas well could be drilled in compliance with Utah Administrative Code Rule R649—3—2.

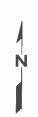
Rule R649—3—2 requires well to be located in center of 40—acre quarter—quarter section with tolerance of 200' in any direction (a "window" 400' square)



Locations at which oil or gas wells have been drilled

Location at which applicant requests permission to drill the proposed East Chapita 68—4 Well 1046' FNL, 465' FWL NWNW (Lot4) of Sec.4, T9S, R23E

Exhibit "A"





Denver Division

Application for Exception Well Location

East Chapita 68-4 Well

DUCHESNE COUNTY, UTAH

Scale: Drutathoxcopton\_plath | Author gt | 1"=1000' except 24-04 dwg gt | 40:49am | Gt | 10:49am

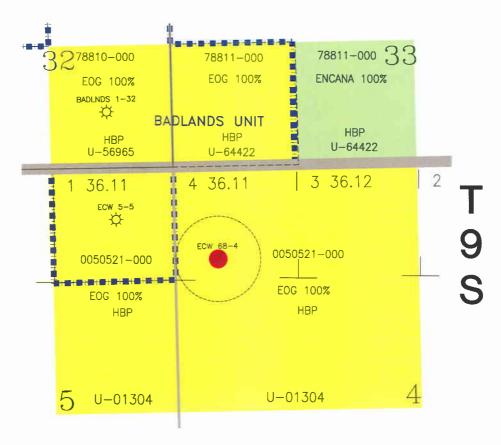
Scale: 1"=1000'

. .

1/4

1/2 Mile

## R 23 E



EOG 100% Working Interest

ENCANA 100% Working Interest

Location at which applicant requests permission to drill the proposed East Chapita 68—4 Well 1046' FNL, 465' FWL NWNW (Lot4) of Sec.4, T9S, R23E

#### Exhibit "B"



East Chapita 68-4 Well

DUCHESNE COUNTY, UTAH

Scale: 1"=1000'
0 1/4 1/2 Mile





MICHAEL R. STYLER
Executive Director

**Division of Oil Gas and Mining** 

JOHN R. BAZA Division Director

July 2, 2007

EOG Resources, Inc. 1060 East Highway 40 Vernal, UT 84078

Re:

East Chapita 68-04 Well, 1046' FNL, 465' FWL, NW NW, Sec. 4, T. 9 South, R. 23 East,

Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

Administrative approval for commingling the production from the Wasatch formation and the Mesaverde formation in this well is hereby granted. Appropriate information has been submitted to DOGM in accordance with R649-3-22. No written objections from owners were received by DOGM.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39279.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc.				
Well Name & Number	East Chapita 68-04				
API Number:	43-047-39279				
Lease:	U-01304				
Location: <u>NW NW</u>	Sec. <u>4</u>	T. <u>9 South</u>	R. <u>23 East</u>		

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Form 3160-3 (February 2005)

# RECEIVED VERHAL FIELD OFFICE

UNITED STATES 2007 APR 27 PM 1:56

BUREAU OF LAND MANADEPINGF THE INTERIOR APPLICATION FOR PERMIT TO BARE AND SEENARD MGMT.

## CEIVEL

A PORM APPROVED

A PORM NO 10042007

5. Lease Serial No. U-0130

5 If Indian Anote: ur Tybe Name

the second secon			<b>.</b>		
la. Type of work: 🔽 DRILL	REENTER	49	7 If Unit or CA Agreem	ent, Name and No.	
lb. Type of Well: Oil Well Gas Well Other	Single Zone 🗸	Multiple Zone	8. Lease Name and Wel East Chapita 68-		
2 Name of Operator EOG RESOURCES, INC			9. API Well No.	1 39279	
3a. Address 1060 East Highway 40 Vernal, UT 84078	3b. Phone No. finchule area con 435-781-9111	de)	10. Field and Pool, or Exp Natural Buttes/V	ploratory Vasatch/Mesaverde	
4. Location of Well (Report location clearly and in accordance	with any State requirements.*)	· · · ·	11. Sec., T. R. M. or Blk.	and Survey or Area	
At surface 1046 FNL & 465 FWL (NW?) At proposed prod. zone Same	NW) 39.975658 Lat 109.573911 Lo	n	Section 4, T9S, R	23E S.L.B.&M	
14. Distance in miles and direction from nearest town or post offi	ice*		12. County or Parish	13. State	
44.5 Miles South of Vernal, UT	· · · · · · · · · · · · · · · · · · ·		Uintah	UT	
15. Distance from proposed* location to nearest property or lease line, ft.	16. No. of acres in lease	17. Spacii	ng Unit dedicated to this well	l	
(Also to nearest drig. unit line, if any) 274 Drining Line	2451	40			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2040	19. Proposed Depth	20. BLM/	20. BLM/BIA Bond No. on file		
applied for, on this lease, ft. 2040	9520	9520 NM 2308			
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4983 GL	22. Approximate date work w	ill start*	23. Estimated duration 45 Days		
	24. Attachments			•	
The following, completed in accordance with the requirements of	Onshore Oil and Gas Order No.1, mus	t be attached to the	is form:	···	
Well plat certified by a registered surveyor.     A Drilling Plan.	4. Bond to co		ons unless covered by an exi	isting bond on file (see	
A Surface Use Plan (if the location is on National Forest S SUPO must be filed with the appropriate Forest Service Office			ormation and/or plans as ma	ay be required by the	
25. Signaturs	Name (Printed Typed)		Da	ite	
To June Boules	Kaylene R. Ga	rdner		04/26/2007	
Title Sr. Regulatory Assistant		.•		- E	
Approved by (Signature)	Name (Printed Typed)		. Da	atę	
The Throng	JERRY KEN	iceKA		5-16-2008	
Title Assistant Field Manager	Office				

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

conduct operations thereon.

Lands & Mineral Resources

Application approval does not warrant or certify that the applicant holds legal or equitable title

NOTICE OF APPROVAL

**UDOGN** 

RECEIVED

subject lease which would entitle the applicant to

MAY 1 9 2008

DIV. OF OIL, GAS & MINING

NOS 3/1/07 07 PP 1456A



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT. VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources, Inc.

Location:

NWNW, Sec. 4, T9S, R23E

Well No:

East Chapita 68-04

Lease No:

UTU-01304

API No:

43-047-39279

Agreement:

N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	•
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

Location Construction	-	Forty-Eight (48) hours prior to construction of location and
(Notify Environmental Scientist)		access roads.
Location Completion	-	Prior to moving on the drilling rig.
(Notify Environmental Scientist)		,
Spud Notice	-	Twenty-Four (24) hours prior to spudding the well.
(Notify Petroleum Engineer)		
Casing String & Cementing	-	Twenty-Four (24) hours prior to running casing and cementing
(Notify Supv. Petroleum Tech.)		all casing strings.
BOP & Related Equipment Tests	-	Twenty-Four (24) hours prior to initiating pressure tests.
(Notify Supv. Petroleum Tech.)		
First Production Notice	-	Within Five (5) business days after new well begins or
(Notify Petroleum Engineer)		production resumes after well has been off production for more
		than ninety (90) days.

COAs: Page 2 of 7 Well: East Chapita 68-04

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

#### Site Specific COAs:

- Bury pipeline at all low water crossings.
- Permission from an authorized BLM representative will be required if construction or other operations occur during wet conditions that would lead to excessive rutting.
- Permission to clear all wildlife stipulations will only be approved by the BLM wildlife biologist during the specific timing for the species potentially affected by this action.
- Culverts and gravel may be installed as needed.
- The north side of the location will be ditched.
- A major diversion dam will be constructed north of corner five (5) and six (6). The dam will spill out around corner six into another dam between seven (7) and eight (8) and then ditched around the south side of the location. All dams will have cobble rocked spillways.
- No construction or drilling will occur from 5/15 until 6/20 in order to protect Pronghorn Habitat.
- A BLM qualified paleontology monitor will be required during road and pad construction.

COAs: Page 3 of 7 Well: East Chapita 68-04

#### DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

• Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200 ft above the surface casing shoe.

COA specification is consistent with operators performance standard stated in APD.

- A variance is granted for Onshore Order #2 Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" Blooie line can be 75 feet.
- Request to commingle the Wasatch and Mesaverde is approved. This approval can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

COAs: Page 4 of 7 Well: East Chapita 68-04

• The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the <u>top of cement</u> and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

COAs: Page 5 of 7 Well: East Chapita 68-04

#### **OPERATING REQUIREMENT REMINDERS:**

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - O Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - O Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - O Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

COAs: Page 6 of 7 Well: East Chapita 68-04

• Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

COAs: Page 7 of 7 Well: East Chapita 68-04

• Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-01304
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL	7. UNIT or CA AGREEMENT NAME:  8. WELL NAME and NUMBER:
OIL WELL GAS WELL OTHER	East Chapita 68-04
2. NAME OF OPERATOR: EOG Resources, Inc.	9. API NUMBER:
3. ADDRESS OF OPERATOR: PHONE NUMBER:	43-047-39279  10. FIELD AND POOL, OR WILDCAT:
1060 East Highway 40 Vernal UT 84078 (435) 781-9111	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1046' FNL & 465' FWL 40.069119 LAT 109.339847 LON	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNW 4 9S 23E S.L.B. & M.	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
ACIDIZE  DEEPEN  ALTER CASING  FRACTURE TREAT  Approximate date work will start:  CASING ŘEPAIR  CHANGE TO PREVIOUS PLANS  DEEPEN  PRACTURE TREAT  NEW CONSTRUCTION  OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON  SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:  CHANGE WELL NAME PRODUCTION (START/RESUME) COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	VENT OR FLARE  WATER DISPOSAL  WATER SHUT-OFF  ✓ OTHER: APD EXTENSION  REQUEST
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume EOG Resources, Inc. respectfully requests the APD for the referenced well be extended for Approved by the Utah Division of Oil, Gas and Mining  Date:	·
NAME (PLEASE PRINT) Kaylene R. Gardner  TITLE  Lead Regulatory	COPY SENT TO OPERATOR  Date: 7.9.2008  Initials: KS  Assistant
SIGNATURE 7/1/2008	
This space for State use only)	DECEIVED

RECEIVED JUL 0 3 2008

#### Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

43-047-39279

Well Name: EAST CHAPITA 68-04 Location: 1046 FNL & 465 FWL (NWN Company Permit Issued to: EOG RI Date Original Permit Issued: 7/2/2007	
The undersigned as owner with legal ri above, hereby verifies that the informa approved application to drill, remains v	•
Following is a checklist of some items verified.	related to the application, which should be
If located on private land, has the owner agreement been updated? Yes⊡No⊡	
Have any wells been drilled in the vicin the spacing or siting requirements for t	ity of the proposed well which would affect his location? Yes⊟ No☑
Has there been any unit or other agree permitting or operation of this proposed	ments put in place that could affect the d well? Yes⊡ No⊠
Have there been any changes to the a of-way, which could affect the propose	ccess route including ownership, or right- d location? Yes□No☑
Has the approved source of water for o	drilling changed? Yes□No☑
Have there been any physical changes which will require a change in plans fro evaluation? Yes□No☑	s to the surface location or access route om what was discussed at the onsite
Is bonding still in place, which covers t	nis proposed well? Yes⊠No□
Jaken Coule	7/1/2008
Signature	Date
Title: Lead Regulatory Assistant	
Representing: EOG Resources, Inc.	
	RECEIVED
	IIII (1.3 2008

## DIVISION OF OIL, GAS AND MINING

## **SPUDDING INFORMATION**

Name of Cor	npany:	EC	OG RE	SOUR	CES INC	2		<u> </u>
Well Name	<b>:</b>	E	CHAI	PITA 68	3-04			
Api No:	43-047-392	279		Lease	Type:	FEDE	RAL	
Section 04	Township	<b>09S</b> R	ange	23E	_County	<u> </u>	NTAH	
Drilling Cor	ntractor <u>CR</u>	AIG'S RO	<u>USTA</u>	BOUT	SERV	_RIG #	RATHOLI	<u> </u>
SPUDDE	D:							
	Date	08/26/0	8					
	Time	11:30 A	M	· · · <u>- ·</u>				
	How	DRY		_				
Drilling wi	II Commen	ce:						
Reported by		J	ERRY	BARN	ES			
Telephone #	· · · · · · · · · · · · · · · · · · ·	(	(435) 8	<u> 28-172(</u>	)			
Date	08/26/08	Sign	ned	CHD	)			



## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

5. Lease Serial No. UTU01304 6 If Indian Allottee or Tribe Name

abandoned well. Use form 3160-3 (APD) for such proposals.					o. If morall, Priotice of	Tibe Name
SUBMIT IN TRII		7. If Unit or CA/Agree	ment, Name and/or No.			
Type of Well     ☐ Oil Well    ☐ Gas Well    ☐ Oth	8. Well Name and No. EAST CHAPITA 68-04					
Name of Operator     EOG RESOURCES, INC.	9. API Well No. 43-047-39279	v i Triviti (165 - 17				
3a. Address 1060 E. HWY 40 VERNAL, UT 84078			10. Field and Pool, or E NATURAL BUTT			
4. Location of Well (Footage, Sec., T.		11. County or Parish, a	nd State			
Sec 4 T9S R23E NWNW 1046 40.06912 N Lat, 109.33985 W				UINTAH COUNT	Y, UT	
12. CHECK APPE	ROPRIATE BOX(ES) TO	INDICATE	NATURE OF N	NOTICE, RI	EPORT, OR OTHER	DATA
TYPE OF SUBMISSION	-		TYPE O	FACTION		
☐ Notice of Intent	☐ Acidize	☐ Dee <sub>l</sub>	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off
_	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	■ Well Integrity
Subsequent Report	Casing Repair	☐ New	Construction	☐ Recomp	olete	<b>⊠</b> Other
☐ Final Abandonment Notice	Change Plans	☐ Plug	and Abandon	☐ Tempor	arily Abandon	Well Spud
	☐ Convert to Injection	🗖 Plug	Back	☐ Water I	Disposal	
following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi  The referenced well was spud	on 8/26/2008.  on 8/26/2008.	d only after ail i	equirements, includ	ing reclamation	1, have been completed, an	
		62619 verified ESOURCES,	NC., sent to the	Vernal	-	
Name (Printed/Typed) MICKENZ	IE THACKER		Title OPERA	TIONS CLE	RK	
Signature WWW Un Holding S	Sufferential (1)		Date 08/28/2	008		
	THIS SPACE FO	R FEDERA	L OR STATE	OFFICE U	SE	
Approved By	<b></b>		Title			Date
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to condu	itable title to those rights in the		Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s				willfully to ma	ike to any department or a	gency of the United

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

**EOG RESOURCES** 

Operator Account Number: N 9550

Address:

1060 East Highway 40

city VERNAL

zip 84078 state UT

Phone Number: \_(435) 781-9145

Well 1

API Number	Well Name         QQ         Sec         Twp           EAST CHAPITA 68-04         NWNW         4         9S		Twp	Rng	County			
43-047-39279			EAST CHAPITA 68-04 NWNW		4	98	23E UINTAH	
Action Code	Current Entity Number	New Entity Number			Entity Assignment Effective Date			
Α	99999	17052	8/26/2008		0	9/22/08		

API Number	Well	QQ	Sec	Twp	Rng	County	
43-047-39928	CHAPITA WELLS U	PITA WELLS UNIT 1351-27		SENE 27		22E UINTAH	
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
*B	99999	13650	8/22/2008		9	122/08	
Comments: MES	AVERDE WELL						

Well 3

API Number	Well i	Vame	QQ	Sec	Twp	Rng	County		
43-047-40041	CHAPITA WELLS UN	CHAPITA WELLS UNIT 814-27		CHAPITA WELLS UNIT 814-27 SENW		27	98	23E	UINTAH
Action Code	Current Entity Number	New Entity Number	Number		Entity Assignment Effective Date				
KB	99999	13650			9/	9/22/08			
Comments: MES	AVERDE WELL	12000				<del></del>	_		

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- **B** Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

Name (Please Print)

Mickenzie Thacker

Operations Clerk

8/29/2008

Title

Date

(5/2000)

SEP 0 2 2008



## **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-013
Expires: July 31, 201

SUNDRY   Do not use thi abandoned wel	UTU01304  6. If Indian, Allottee	or Tribe Name		
SUBMIT IN TRI	7. If Unit or CA/Agre	eement, Name and/or No.		
Type of Well     Oil Well	8. Well Name and No EAST CHAPITA			
Name of Operator     EOG RESOURCES, INC.	Contact: MI	CKENZIE THACKER THACKER@EOGRESOURC	9. API Well No. 43-047-39279	
3a. Address 1060 E. HWY 40 VERNAL, UT 84078		b. Phone No. (include area code Ph: 435-781-9145	) 10. Field and Pool, o NATURAL BU	
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description)		11. County or Parish	, and State
Sec 4 T9S R23E NWNW 1046 40.06912 N Lat, 109.33985 W	SFNL 465FWL		UINTAH COUN	NTY, UT
12. СНЕСК АРРГ	ROPRIATE BOX(ES) TO I	NDICATE NATURE OF	NOTICE, REPORT, OR OTHE	ER DATA
TYPE OF SUBMISSION		ТҮРЕ О	F ACTION	
Notice of Intent	☐ Acidize	Deepen	☐ Production (Start/Resume)	■ Water Shut-Off
☐ Notice of Intent	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	■ Well Integrity
☐ Subsequent Report	□ Casing Repair	■ New Construction	☐ Recomplete	
☐ Final Abandonment Notice	Change Plans	Plug and Abandon	☐ Temporarily Abandon	Drining Operations
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	
Attach the Bond under which the wor	k will be performed or provide the operations. If the operation result and onment Notices shall be filed inal inspection.)  process of installing product or about December 26, 20	e Bond No. on file with BLM/BL is in a multiple completion or reconly after all requirements, including the facilities and anticipate 08.		e filed within 30 days 60-4 shall be filed once
, , , , notocy color, and ale foregoing is	Electronic Submission #65	6476 verified by the BLM We SOURCES, INC., sent to the		
Name (Printed/Typed) MICKENZ	IE THACKER	Title OPER	ATIONS CLERK	
Signature Will Striction S	2008			
	THIS STACE FOR	FEDERAL OR STATE	OFFICE USE	
_Approved By		Title		Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the a	uitable title to those rights in the su	ot warrant or ubject lease Office		
Title 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a cri	ime for any person knowingly an	d willfully to make to any department of	or agency of the United

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

#### WELL CHRONOLOGY REPORT

Report Generated On: 12-11-2008

Well Name	ECW 068-04	Well Type	DEVG	Division	DENVER			
Field	CHAPITA DEEP	API#	43-047-39279	Well Class	COMP			
County, State	UINTAH, UT	Spud Date	10-01-2008	Class Date				
Tax Credit	N	TVD / MD	9,520/ 9,520	Property #	060415			
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0			
KB / GL Elev	4,942/ 4,929							
Location	Section 4-T9S-R23E, NWNW, 1046 FNL & 465 FWL							

Event No	1.0		Description	DRILL & COMPL	ETE		
Operator	EOG RESO	OURCES, INC	WI %	100.0	NRI %	84.75	
AFE No	30445	51	AFE Total	2,295,600	DHC / CV	<b>WC</b> 95	6,100/ 1,339,500
Rig Contr	TRUE	Rig Na	ne TRUE #2	6 Start Date	07-24-2007	Release Date	10-09-2008
07-24-2007	Reporte	d By	SHARON CAUDILI	S			
DailyCosts: D	rilling	\$0	Comp	letion \$0	Daily	Total \$0	
Cum Costs: D	rilling	\$0	Compl	letion \$0	Well T	Total \$0	
MD	0 <b>TVD</b>	0	Progress	0 Days	0 <b>MW</b>	0.0 <b>V</b> i	sc 0.0
Formation:		PBTD:	0.0	Perf:		PKR Depth:	0.0

Activity at Report Time: LOCATION DATA

StartEndHrsActivity Description06:0006:0024.0LOCATION DATA

1046' FNL & 465' FWL (NW/NW)

SECTION 4, T9S, R23E UINTAH COUNTY, UTAH

LAT 40.069119, LONG 109.339847 (NAD 83) LAT 40.069156, LONG 109.339167 (NAD 27)

TRUE #26

OBJECTIVE: 9520' TD, MESAVERDE

DW/GAS

EAST CHAPITA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-01304

ELEVATION: 4927.2' NAT GL, 4928.8' PREP GL (DUE TO ROUNDING THE PREP GL IS 4929'), 4942' KB (13')

EOG WI 100%, NRI 84.75%

08-13-2008

Reported By

TERRY CSERE

DailyCosts: Drilling	\$38,000			ompletion	\$0		•	y Total	\$38,000	
Cum Costs: Drilling	\$38,000		C	ompletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD : (	0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Tir	me: BUILD LO	CATION	Ī						•	
Start End		-	cription							
06:00 06:00	24.0 LOCA	ATION S'	TARTED.							
08-14-2008 Re	ported By	Т	ERRY CSERE	Ξ						
DailyCosts: Drilling	\$0		C	ompletion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$38,000		C	ompletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at Report Tir	me: BUILD LO	CATION	I							
Start End	Hrs Activ	ity Des	cription							
06:00 06:00	24.0 ROCK	KED OUT	Г.							
08-15-2008 Re	ported By	T	ERRY CSERI	Ξ						
DailyCosts: Drilling	\$0		C	ompletion	\$0		Daily	y Total	\$0	
Cum Costs: Drilling	\$38,000		C	ompletion	\$0		Well	Total	\$38,000	
<b>MD</b> 0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	P	BTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Formation : Activity at Report Tir					Perf:			PKR De	<b>pth:</b> 0.0	
	me: BUILD LO	CATION			Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LO	CATION	cription		Perf:			PKR De	<b>pth</b> : 0.0	
Activity at Report Til Start End 06:00 06:00	me: BUILD LO Hrs Activ	CATION vity Desc LING RO	cription		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at Report Tiu  Start End  06:00 06:00  08-18-2008 Re	me: BUILD LO  Hrs Activ  24.0 DRIL	CATION vity Desc LING RO	cription OCK. EERRY CSERI	E <b>ompletion</b>	Perf:		Daily	PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Report Til Start End 06:00 06:00 08-18-2008 Re DailyCosts: Drilling	me: BUILD LO Hrs Activ 24.0 DRIL	CATION vity Desc LING RO T	cription OCK. TERRY CSERI				-			
Activity at Report Tin Start End 06:00 06:00 08–18–2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Activ 24.0 DRIL  eported By \$0	CATION vity Desc LING RO T	cription OCK. TERRY CSERI	ompletion	\$0	0	-	y Total	\$0	0.0
Activity at Report Tile Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000	CATION vity Desc LING RO T	cription DCK. TERRY CSERI C C Progress	ompletion ompletion	\$0 \$0	0	Well	y Total Total	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0 Formation:	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD	CATION  vity Description  T  0	cription DCK. TERRY CSERI C C Progress	ompletion ompletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00 08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD P me: BUILD LO	CATION  rity Description  T  0  PBTD: (  CATION	cription DCK. TERRY CSERI C C Progress 0.0	ompletion ompletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD P me: BUILD LO	CATION vity Description  O  CATION vity Description	cription DCK. TERRY CSERI C Progress 0.0	ompletion ompletion	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD P me: BUILD LO Hrs Activ	CATION  rity Description  T  0  PBTD: (  CATION  rity Description  T  CATION  T  CATION	cription DCK. TERRY CSERI C Progress 0.0	ompletion ompletion 0	\$0 \$0 <b>Days</b>	0	Well	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD Pme: BUILD LO Hrs Activ 24.0 SHOO	CATION  rity Description  T  0  PBTD: (  CATION  rity Description  T  CATION  T  CATION	cription DCK. ERRY CSERI Cription ODAY. ERRY CSERI	ompletion ompletion 0	\$0 \$0 <b>Days</b>	0	Well MW	y Total Total 0.0	\$0 \$38,000 Visc	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re	Hrs Activ 24.0 DRIL  ported By \$0 \$38,000  TVD  P me: BUILD LO  Hrs Activ 24.0 SHOO  eported By	CATION  rity Desc  LING RO  T  0  PBTD: (  CATION  rity Desc  DTING To	cription DCK. TERRY CSERI C Progress 0.0 cription ODAY. TERRY CSERI	ompletion ompletion 0	\$0 \$0 Days Perf:	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling	Hrs Activ 24.0 DRIL Prorted By \$0 \$38,000  TVD  Profes BUILD LO Hrs Activ 24.0 SHOO Prorted By \$0 \$38,000	CATION  rity Desc  LING RO  T  0  PBTD: (  CATION  rity Desc  DTING To	cription DCK. TERRY CSERI C Progress 0.0 cription ODAY. TERRY CSERI	ompletion  0  E  ompletion	\$0 \$0 Days Perf:	0	Well MW Daily	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0	0.0
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling	me: BUILD LO Hrs Activ 24.0 DRIL Prorted By \$0 \$38,000  TVD  Profes: BUILD LO Hrs Activ 24.0 SHOO  Eported By \$0 \$38,000  TVD	CATION vity Desc LING RC  0 PBTD: ( CATION vity Desc DTING TO	cription DCK. CRRY CSERI Creater Construction DODAY. CERRY CSERI Creater CSERI Creater CSERI Creater CSERI Creater CSERI	ompletion  0  E  ompletion ompletion	\$0 \$0 Days Perf:		Well MW Daily Well	y Total Total 0.0 PKR De	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0  Formation:	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD Pme: BUILD LO Hrs Activ 24.0 SHOO eported By \$0 \$38,000 TVD	CATION vity Description  O CATION vity Description  T  O CBTD: ( CATION vity Description  T	cription DCK. TERRY CSERI C C Progress 0.0 Cription DDAY. TERRY CSERI C C Progress	ompletion  0  E  ompletion ompletion	\$0 \$0 Days Perf:		Well MW Daily Well	y Total  O.0  PKR Dep  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin	me: BUILD LO Hrs Activ 24.0 DRIL Prorted By \$0 \$38,000 TVD Pme: BUILD LO Hrs Activ 24.0 SHOO Eported By \$0 \$38,000 TVD Pme: BUILD LO	CATION  vity Desc LING RC  T  0  PBTD: ( CATION  vity Desc DTING T  T	cription DCK. CRRY CSERI Cription CODAY. CRRY CSERI Cription CODAY. CRRY CSERI Cription CODAY. CRRY CSERI Cription CODAY. CRRY CSERI	ompletion  0  E  ompletion ompletion	\$0 \$0 Days Perf:		Well MW Daily Well	y Total  O.0  PKR Dep  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0 \$0 \$38,000 <b>Visc</b>	
Activity at Report Tin Start End 06:00 06:00  08-18-2008 Re DailyCosts: Drilling Cum Costs: Drilling MD 0  Formation: Activity at Report Tin Start End 06:00 06:00  08-19-2008 Re DailyCosts: Drilling Cum Costs: Drilling Cum Costs: Drilling Cum Costs: Drilling MD 0  Formation:	me: BUILD LO Hrs Activ 24.0 DRIL eported By \$0 \$38,000 TVD Pme: BUILD LO Hrs Activ 24.0 SHOO eported By \$0 \$38,000 TVD Pme: BUILD LO Hrs Activ Activ Activ Activ	CATION  rity Description  0  CATION  rity Description  0  CBTD:  0  CBTD:  CATION  rity Description	cription DCK. TERRY CSERI C C Progress 0.0 Cription DDAY. TERRY CSERI C C Progress	ompletion  0  E  ompletion  ompletion  0	\$0 \$0 Days Perf:		Well MW Daily Well	y Total  O.0  PKR Dep  y Total  Total  0.0	\$0 \$38,000 <b>Visc</b> <b>pth:</b> 0.0 \$0 \$38,000 <b>Visc</b>	

DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0 Prog	ress 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation :	<b>PBTD:</b> 0.0		Perf:		PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	l					
06:00 06:00	24.0 PUSHING IN PIT.						
08-21-2008 Re	eported By TERRY C	SERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0 Prog	ress 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation :	<b>PBTD:</b> 0.0		Perf:		PKR De	<b>pth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	1					
06:00 06:00	24.0 PUSHING IN PIT.						
08-22-2008 R	eported By TERRY C	SERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0 Prog	ress 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation :	<b>PBTD</b> : 0.0		Perf:		PKR De	<b>epth:</b> 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	1					
06:00 06:00	24.0 PUSHING IN PIT.						
08-25-2008 R	eported By TERRY C	SERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0 Prog	ress 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation :	<b>PBTD:</b> 0.0		Perf:		PKR De	epth: 0.0	
Activity at Report Ti	me: BUILD LOCATION						
Start End	Hrs Activity Description	1					
06:00 06:00	24.0 LINE TODAY.						
08-26-2008 R	eported By TERRY C	SERE					
DailyCosts: Drilling	\$0	Completion	\$0		Daily Total	\$0	
Cum Costs: Drilling	\$38,000	Completion	\$0		Well Total	\$38,000	
<b>MD</b> 0	TVD 0 Prog	ress 0	Days	0	<b>MW</b> 0.0	Visc	0.0
Formation :	<b>PBTD:</b> 0.0		Perf:		PKR De	epth: 0.0	
Activity at Report Ti	me: WO BUCKET TRUCK						
Start End	Hrs Activity Description	l					
06:00 06:00	24.0 LOCATION COMPLET	ТЕ.					
08-27-2008 R	eported By TERRY C	GEDE					•

Well Name: ECW 068-04 Field: CHAPITA DEEP Property: 060415

DailyCosts: D	rilling	\$0		Com	pletion	\$0		Daily	Total	\$0	
Cum Costs: I	Prilling	\$38,0	00	Com	pletion	\$0		Well T	l'otal	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at Report Time: SPUD NOTIFICATION - WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 08/26/08 @ 11:30 A.M., SET 60' OF 14" CONDUCTOR
			CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND

MICHAEL LEE W/BLM OF THE SPUD 08/26/08 @ 11:00 A.M.

09-12-2008	Re	eported By	D	AN FARNSWOF	RTH						
DailyCosts: D	rilling	\$241	,675	Com	pletion	\$0		Daily	Total	\$241,675	
Cum Costs: D	rilling	\$279	,675	Com	pletion	\$0		Well '	<b>Fotal</b>	\$279,675	
MD	2,470	TVD	2,470	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0	.0		Perf:			PKR Dej	<b>oth:</b> 0.0	

Activity at Report Time: WORT

Start End Hrs **Activity Description** 

06:00 06:00 24.0 MIRU CRAIGS DRILLING RIG # 4 ON 9/8/2008. DRILLED 12-1/4" HOLE TO 2470' GL. RAN 61 JTS (2456.57') OF 9–5/8", 36.0#, J–55,LT&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2469' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT, MIXED & PUMPED 200 SX (146 BBLS) OF PREMIUM LEAD CEMENT W/0.2% VARASET, 2% CALSEAL, & 2% EX-1. MIXED LEAD CEMENT @ 10.5 PPG W/YIELD OF 4.01 CF/SX.

TAILED IN W/300 SX (63 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/186.9 BBLS FRESH WATER. BUMP PLUG W/550PSI. @ 08:23 PM, 9/10/2008, CHECKED FLOAT, FLOAT HELD, SHUT-IN CASING VALVE, BROKE CIRCULATION 50 BBLS INTO LEAD CEMENT. LOST CIRCULATION 130 BBLS INTO DISPLACEMENT.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100SX (21 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS.

TOP JOB # 2; MIXED & PUMPED 185 SX (38 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX, HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE WITH STRAIGHT HOLE SURVEY. TAGGED CEMENT AT 2370' G.L. PICKED UP TO 2350' AND TOOK SURVEY — BULLS EYE.

CONDUCTOR LEVEL RECORD: PS= 89.8 OPS= 89.9 VDS= 89.9 MS= 90.0 9 5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.9 MS= 89.9

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON 9/9/2008 @ 05:30 PM.

10-01-2008 Reported By KELLY SPOONTS

DailyCosts: Drilling		\$31,303	Com	Completion \$0			Dail	y Total	\$31,303	
Cum Cos	ts: Drilling	\$310,978	Com	pletion	\$0		Well	l Total	\$310,978	
MD	2,470	<b>TVD</b> 2,470	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	ıt Report Tiı	ne: PU BHA								
Start	End	Hrs Activity De	scription							
06:00	22:00	16.0 MOVE ONTO HRS.	LOCATION EC	W 68-04 -	TRUCKS (	OFF OF LOC	ATION @ 15	:30 HRS. DER	RICK IN AIR	BY 16:00
		RIG UP RT								
		NIPPLE UP I	BOP'S.							
		ITEMS TRA	SFERED FROM	ECW 69-0	04 TO ECW	68-04				
		137.69' (3 JT	S), 4 1/2", 11.6#, H	ICP -110,	LTC, R-3,	GOOD				
		45.56' (1 JT),	4 1/2", 11.6#, HC	P -110, LT	°C, R-3, BA	AD				
		47.30' (2 MJ)	4 1/2", 11.6#, HC	P-110, LT	C, R-3, GO	OD				
		20.00' (2 PUI	S) 4 1/2", 11.6#, I	HCP -110,	LTC, GOOI	)				
		TRANSFERS	3815 GALLO	NS DIESI	Æ @ 4.05 G	SALLON 154	50.75			
22:00	23:30	1.5 ACCEPT RIC	i @ 22:00 HRS. 10	0/1/08. DR	ILL MOUS	E HOLE.				
23:30	05:00	5.5 TEST BOPS	•				ILL LINE VA	LVES, CHOK	E LINES AND	
-	<b>3010</b> 0	MANIFOLD	FLOOR VALVES LAR TO 250 PIS	, UPPER.	AND LOWI	ER KELLY C	OCK , TO 25	50 PSI F/ 5 MI	N., 5000 PSI FO	
05:00	05:30	0.5 INSTALL W	EAR BUSHING							
05:30	06:00	0.5 RU LAY DO	WN MACHINE/SA	AFETY MI	EETING					
		SAFETY ME BOP DRILL: OPERATED FUEL REC'I FUEL ON H. MUD WT: P BG GAS: U, FORMATIOI	COM (1), WITNE D: 0 GALS DIESE AND: 3515 GAL,	SSED (1). L. , FUEL US g ', TRIP ( a @ : 2470	GAS: U.	ALS.				
10-02-20	008 Re	eported By	BENNY BLACK\	WELL/KEJ	LLY SPOON	NTS				
•	ts: Drilling	\$37,261		pletion	\$0			y Total	\$37,261	
Cum Cos	ts: Drilling	\$348,289	Con	apletion	\$0		Wel	l Total	\$348,289	
MD	3,800	<b>TVD</b> 3,800	Progress	1,304	Days	1	MW	8.4	Visc	27.0
Formatio	n:	PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	at Report Ti	me: DRLG @ 3800'								
Start	End	Hrs Activity De	scription							
06:00	10:30	4.5 CONT TO R	G UP PICK UP E	QUIP & P/	U BHA & I	OP TO 2389'.				
10:30	11:30	1.0 RIG DOWN	PICK UP EQUIP.							

11:30	13:30	2.0 DRILL CEMENT, FLOAT EQUIP AND 10' OF NEW FORMATION TO 2496'.
13:30	14:00	0.5 CIRC HOLE CLEAN AND PERFORM FIT – 238 PSI SURFACE PRESS W/ 8.5 PPG FLUID = 10.4 PPG EMW.
14:00	15:00	1.0 DRILL F/ 2496' - 2559', 14-20K WOB, 45-65 RPM @ TABLE, 1300 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 63 FPH.
15:00	15:30	0.5 DEVIATION SURVEY @ 2482' - 2.25 DEG.
15:30	21:00	5.5 DRILL F/ 2559 ' - 3033', 14-20K WOB, 45-65 RPM @ TABLE, 1300 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 86.18 FPH.
21:00	21:30	0.5 SERVICE RIG – DAILY RIG SERVICE.
21:30	03:30	6.0 DRILL F/ 3033' – 3570, 14–20K WOB, 45–65 RPM @ TABLE, 1400 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 89.5 FPH.
03:30	04:00	0.5 DEVIATION SURVEY @ 3495' – 3 DEG.
04:00	06:00	2.0 DRILL F/ 3570' – 3800', 14–20K WOB, 45–65 RPM @ TABLE, 1400 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 115 FPH.

FULL CREWS: NO INCIDENTS.

SAFETY MEETINGS: WITH KIMZEY (1), FAST DRILLING (1), CONNECTIONS (1) .

BOP DRILL: NONE.

OPERATED COM (3), WITNESSED (1).

FUEL REC'D: 0 GALS DIESEL.

FUEL ON HAND: 3515 GAL, FUEL USED300 : GALS.

MUD WT: 9.2 PPG, VIS: 32.

BG GAS: 70–90 U, PEAK GAS: 1896 U @ 2988', TRIP GAS: U.

FORMATION: MAHOGANY OIL SHALE @: 2670'.

UNMANNED LOGGING UNIT - DAY 1.

06:00 SPUD 7 7/8" HOLE @ 14:00 HRS, 10/1/08.

10-03-2008	Re	ported By	BI	ENNY BLACKY	WELL						
DailyCosts: D	rilling	\$56,	526	Con	npletion	\$0		Daily	Total	\$56,526	
Cum Costs: I	Prilling	\$404	,816	Con	npletion	\$0		Well 7	<b>Fotal</b>	\$404,816	
MD	5,775	TVD	5,775	Progress	1,975	Days	2	MW	9.1	Visc	32.0
Formation:			<b>PBTD</b> : 0.	.0		Perf:			PKR Der	oth: 0.0	

	PBTD: 0.0	Peri :	PKR Deptn: 0.0						
Time: DRI	LLING @ 5775'								
art End Hrs Activity Description									
3.5	DRILL F/ 3800' - 4202', 14-20 MOTOR, 114.8 FPH.	0K WOB, 45–65 RPM @ TABLE,	1600 PSI W/ 120 SPM = 420 GPM = 67 RPM F/						
0.5	SERVICE RIG - DAILY RIG S	SERVICE.							
3.5	DRILL F/ 4202' - 4583', 14-20 MOTOR, 108.8 FPH.	0K WOB, 45–65 RPM @ TABLE,	1600 PSI W/ 120 SPM = 420 GPM = 67 RPM F/						
0.5	DEVIATION SURVEY @ 450	6' - 4.00 DEG.							
) 16.0	DRILL F/ 4583' 5775'', 14-2 MOTOR, 74.5 FPH.	20K WOB, 45–65 RPM @ TABLE,	1600 PSI W/ 117 SPM = 408 GPM = 65 RPM F/						
	DAYLIGHTS 1 MAN SHORT	OTHERS FULL CREW: NO INCI	DENTS.						
	SAFETY MEETINGS: WORK	ING SHORT HANDED (3).							
	BOP DRILL:MORNING TOU	R (90 SEC), EVENING TOUR (88	SEC).						
	OPERATED COM (3), WITNE	ESSED (1).							
	FUEL REC'D: 4400 GALS DI	ESEL.							
	Hrs 3.5 0 0.5 0 0.5 0 0.5 0 0.5	Hrs Activity Description  3.5 DRILL F/ 3800' – 4202', 14–2 MOTOR, 114.8 FPH.  0.5 SERVICE RIG – DAILY RIG S  3.5 DRILL F/ 4202' – 4583', 14–2 MOTOR, 108.8 FPH.  0.5 DEVIATION SURVEY @ 450  16.0 DRILL F/ 4583' –5775'', 14–2 MOTOR, 74.5 FPH.  DAYLIGHTS 1 MAN SHORT SAFETY MEETINGS: WORK BOP DRILL:MORNING TOU OPERATED COM (3), WITNE	Time: DRILLING @ 5775'  Hrs Activity Description  3.5 DRILL F/ 3800' - 4202', 14-20K WOB, 45-65 RPM @ TABLE, MOTOR, 114.8 FPH.  0. 0.5 SERVICE RIG - DAILY RIG SERVICE.  3.5 DRILL F/ 4202' - 4583', 14-20K WOB, 45-65 RPM @ TABLE, MOTOR, 108.8 FPH.  0. 0.5 DEVIATION SURVEY @ 4506' - 4.00 DEG.  16.0 DRILL F/ 4583' -5775' ', 14-20K WOB, 45-65 RPM @ TABLE,						

FUEL ON HAND: 6059 GAL, FUEL USED 1034 : GALS.

MUD WT: 9.3 PPG, VIS: 34.

BG GAS: 80–90 U, PEAK GAS: 1940 U @ 3837', TRIP GAS: U.

FORMATION: CHAPPITA WELLS @:  $5512^{\circ}$ . UNMANNED LOGGING UNIT - DAY 2.

10-04-200	18 Re	eported By	В	ENNY BLACK	WELL						
DailyCosts		\$36,1	104	Con	pletion	\$0		Dail	y Total	\$36,104	
Cum Costs	J	\$440	,920	Con	pletion	\$0			Total	\$440,920	
MD	6,528	TVD	6,528	Progress	753	Days	3	MW	9.75	Visc	38.0
Formation	:		PBTD:	0.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at	Report Ti	me: WASH &	& REAM TO	BTM							
Start	End	Hrs Ac	tivity Desc	ription							
06:00	12:00		RILL F/ 5775 OTOR, 55 FI	' – 6105', 14–2 РН.	0K WOB,	45–65 RPM (	) TABLE, 1	600 PSI W/ 1	17  SPM = 408	3 GPM = 65 RP	M F/
12:00	12:30	0.5 SE	RVICE RIG	– DAILY RIG S	ERVICE.						
12:30	17:30		ULL F/ 6105 OTOR, 56.8	' – 6389', 14–20 FPH.	K WOB, 4	5-65 RPM @	TABLE, 16	500 PSI W/ 1	17 SPM = 408	GPM = 65 RPM	MF/
17:30	18:00	0.5 FI	X LEAK ON	STANDPIPE C	ONNECTI	ON ON RIG	FLOOR.				
18:00	23:00		CILL F/ 6389 OTOR, 27.8	r' – 6528', 14–20 FPH.	OK WOB, 4	15-65 RPM @	TABLE, 16	600 PSI W/ 1	17 SPM = 408	GPM = 65 RPM	<b>M</b> F/
23:00	23:30	0.5 MI	X & PUMP	PILL, DROP SU	IRVEY.						
23:30	02:30			#2 (LOW ROP)				, MOTOR, &	2 ROLLER R	EAMERS.	
02:30 05:30	05:30 06:00			MOTOR, RIH – M 70' TO BOTT		PROBLEMS					
		BC OF FU MU BC FC	OP DRILL:D PERATED C JEL REC'D: JEL ON HAI UD WT: 9.6 G GAS: 80-9 DRMATION:	TINGS: STAY A AYLIGHT TOU OM (5), WITNE 0 GALS DIESEI ND: 4712 GAL, PPG, VIS: 36. 0 U, PEAK GA: BUCK CANYO LOGGING UNI	R (75 SEC SSED (2). L. FUEL USE S: 520 U @	), EVENING ED 1347 : GA 2 6400', TRIP	TOUR (80 S	SEC).			
10-05-200	)8 Re	eported By		ENNY BLACK							
DailyCosts		\$43,3	198	Con	apletion	\$940		Dail	y Total	\$44,138	
Cum Costs	s: Drilling	\$477	,274	Con	npletion	\$940			Total	\$478,214	
MD	7,645	TVD	7,645	Progress	1,117	Days	4	MW	9.8	Visc	35.0
Formation	:		PBTD:	0.0		Perf:			PKR De	pth: 0.0	
Activity at	Report Ti	me: DRILLI	NG @ 7645								
Start	End	Hrs Ac	ctivity Desc	cription							
06:00	12:30	6.5 DF	•	3' – 6814', 14–2	OK WOB,	4565 RPM @	) TABLE, 19	900 PSI W/ 1	17 SPM = 408	GPM = 65 RPI	M F/
	13:00	0.5.00	DUIGE DIG	- DAILY RIG S	EDITOEL	CHANCE	TIT AID CC	AITED OF TAI	TIE ON DDII	LEBS CONSO	

13:00 06:00 17.0 DRILL F/ 6814' - 7645', 14-20K WOB, 45-65 RPM @ TABLE, 1900 PSI W/ 113 SPM = 401 GPM = 64 RPM F/ MOTOR, 48.88 FPH. FULL CREW: NO INCIDENTS. SAFETY MEETINGS: LOCKOUT TAGOUT (3). BOP DRILL: NONE. OPERATED COM (3), WITNESSED (1). FUEL REC'D:0 GALS DIESEL. FUEL ON HAND: 3441 GAL, FUEL USED 1271: GALS. MUD WT: 10.0 PPG, VIS: 37. BG GAS: 120-140 U, PEAK GAS: 8281 U @ 7190', TRIP GAS: 2155 U. FORMATION: KMV PRICE RIVER @ 7278'. UNMANNED LOGGING UNIT - DAY 4. 10-06-2008 Reported By BENNY BLACKWELL \$37,618 \$0 **Daily Total** \$37,618 DailyCosts: Drilling Completion \$515,832 \$514,892 \$940 Well Total **Cum Costs: Drilling** Completion 10.25 36.0 944 5 MW8,589 TVD 8,589 Visc MD **Progress** Days PKR Depth: 0.0 Formation: **PBTD**: 0.0 Perf: Activity at Report Time: DRILLING @ 8589' Start End Hrs **Activity Description** 6.0 DRILL F/7645' - 7956', 14-20K WOB, 45-65 RPM @ TABLE, 1900 PSI W/ 113 SPM = 401 GPM = 64 RPM F/ 06:00 12:00 MOTOR, 51.83 FPH. 12:00 12:30 0.5 SERVICE RIG - DAILY RIG SERVICE. 17.5 DRILL F/ 7956' - 8589', 14-20K WOB, 45-65 RPM @ TABLE, 1900 PSI W/ 113 SPM = 401 GPM = 64 RPM F/ 12:30 06:00 MOTOR, 37.23 FPH. FULL CREW: NO INCIDENTS. SAFETY MEETINGS: WORKING IN BAD WEATHER (3). BOP DRILL: NONE. OPERATED COM (3), WITNESSED (1). FUEL REC'D:0 GALS DIESEL. FUEL ON HAND: 2169 GAL, FUEL USED 1272: GALS. MUD WT: 10.0 PPG, VIS: 37. BG GAS: 180-350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U. FORMATION: KMV PRICE RIVER MIDDLE @ 8212'. UNMANNED LOGGING UNIT - DAY 5. BENNY BLACKWELL 10-07-2008 Reported By \$0 **Daily Total** \$53,478 DailyCosts: Drilling \$53,478 Completion \$566,948 **Cum Costs: Drilling** \$566,008 Completion \$940 **Well Total** MD 9,200 TVD 9,200 **Progress** 611 Days MW10.1 Visc 39.0 PKR Depth: 0.0 **PBTD**: 0.0 Formation: Perf: Activity at Report Time: DRLG @ 9200'

**Activity Description** 

0.5 PUMP PILL, DROP SURVEY.

Start

06:00

End

06:30

Hrs

06:30	10:00	3.5 POH – NO PROBLEMS, L/D MOTOR & BIT.
10:00	13:00	3.0 P/U BIT & MOTOR, RIH – TIGHT @ 7500'.
13:00	14:00	1.0 P/U KELLY AND WORK TIGHT SPOT @ 7500'.
14:00	15:00	1.0 RIH – WASH @ 8071', AND WASH 60' TO BOTTOM.
15:00	06:00	15.0 DRILL F/ 8589' – 9200', 14–20K WOB, 45–65 RPM @ TABLE, 1900 PSI W/ 113 SPM = 394 GPM = 64 RPM F/ MOTOR, 35.94 FPH.

FULL CREW: NO INCIDENTS.

SAFETY MEETINGS: TRIPPING (3).

BOP DRILL: NONE.

OPERATED COM (5), WITNESSED (2).

FUEL REC'D:2800 GALS DIESEL.

FUEL ON HAND: 3964 GAL, FUEL USED 1005 : GALS.

MUD WT: 10.2 PPG, VIS: 42.

MUD WT: 10.3 PPG, VIS: 42.

BG GAS: 180–350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U.

FORMATION: KMV PRICE RIVER MIDDLE @ 8212'.

UNMANNED LOGGING UNIT - DAY 6.

10-08-2008	Re	ported By	]	BENNY BLACK	WELL						
DailyCosts: D	rilling	\$51,5	542	Con	npletion	\$0		Daily	Total	\$51,542	
Cum Costs: D	rilling	\$617	,550	Con	npletion	\$940		Well	Total	\$618,490	
MD	9,520	TVD	9,520	Progress	193	Days	7	MW	10.2	Visc	43.0
Formation:			PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	

Activity at	t Report Ti	me: LD I	OP Control of the con
Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL F/9200' – 9327, 14–20K WOB, 45–65 RPM @ TABLE, 1900 PSI W/113 SPM = 394 GPM = 64 RPM F/MOTOR, 21.16 FPH.
12:00	12:30	0.5	MIX & PUMP PILL.
12:30	16:00	3.5	POH FOR BIT #4 – NO HOLE PROBLEMS, L/D BIT & MOTOR.
16:00	19:30	3.5	P/U BIT #4 AND MUD MOTOR & RIH – WASH @ 9047' – 9076'.
19:30	20:30	1.0	WASH 90' TO BOTTOM.
20:30	00:30	4.0	DRILL F/ 9327' - 9520', 14-20K WOB, 45-65 RPM @ TABLE, 1900 PSI W/ 104 SPM = 363 GPM = 58 RPM F/ MOTOR, 48.25 FPH. REACHED TD @ 00:30 HRS, 10/8/08.
00:30	01:30	1.0	CIRC FOR SHORT TRIP.
01:30	02:00	0.5	WIPER TRIP 5 STDS AND BACK TO BOTTOM – NO PROBLEMS.
02:00	04:00	2.0	CIRC BEFORE L/D DRILL STRING, RIG UP L/D EQUIP. SPOT 300 BBLS OF 13.2 PPG MUD IN HOLE.
04:00	06:00	2.0	DROP SURVEY & L/D DRILL STRING.
			FULL CREW: NO INCIDENTS.
			SAFETY MEETINGS: LAYING DOWN DRILL PIPE (2), TRIPPING (1).
			BOP DRILL: NONE.
			OPERATED COM (5), WITNESSED (2).
			FUEL REC'D:0 GALS DIESEL.
			FUEL ON HAND: 2992 GAL, FUEL USED: 9972 GALS.

BG GAS: 180–350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U.

FORMATION: SEGO @ 9323'.

UNMANNED LOGGING UNIT - DAY 7.

10-09-20	08 Re	eported l	Ву ВЕ	ENNY BLACK	WELL						
DailyCost	s: Drilling	\$	104,204	Con	npletion	\$218,328		Dail	y Total	\$322,532	
Cum Cost	s: Drilling	\$	721,755	Cor	npletion	\$219,268		Well	l Total	\$941,023	
MD	9,520	TVD	9,520	Progress	0	Days	8	MW	0.0	Visc	0.0
Formation	1:		<b>PBTD</b> : 0	Ü		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: RDR	T/WO COMPLE	ETION					•	•	
Start	End	Hrs	Activity Desc								
06:00	10:30		L/D DRILL PIP	•	LLY, L/D E	ВНА.					
10:30	11:00		PULL WEAR E								
11:00	12:30	1.5	HSM - RIG UP	EQUIP TO RU	JN 4 1/2" P	ROD CSG.					
12:30	19:30	7.0	JT CSG 43.71, 6837.66, 57 JT	FLOAT COLL. S (2259.76') , 1 , L/D TAG JT,	AR (1.50) S MJ (21.07 P/U CASIN	–80 PRODUCTI SET W/ TOP @ 9 ') W/ TOP @ 455 NG HANGER – I IGER.	457.46 , 6.83', 11	61 JTS (2597 2 JTS (4517	7.85) , 1 MJ (2 .83') , 1 PUP J	21.95) SET W/ T T (20.35'),P/U	TOP @ TAG JT &
19:30	20:00	0.5	SPACE OUT A	ND LAND CAS	SING.						
20:00	21:30	1.5	RIG UP CEME	NTING EQUIP							
21:30	22:30	1.0	WAIT ON COM	IPUTER & CA	BLE FOR	SCHLUMBERG	ER.				
22:30	01:00	2.5	CEMENT 4 1/2	" PRODUCTIC	N CASINO	AS FOLLOWS	: HSM, P	RESURE TI	EST LINES TO	O 5000 PSI	
			770 SKS 35/65 50/50 POZ G C DISPLACE TO	+ ADD @ 12 CEMENT + AD: FLOAT COLL	5 PPG , 2.2 D MIXED AR WITH	BL WATER SPAC 6 YELD , 12.885 @ 14.1 PPG , 1.2 147 BBL FRESH	GAL/SK 29 YEILI WATER	FRESH WA ) , 5.979 GA ,	ATER (309.9 B L/SK (344.6 E	BLS). TAIL 150 BBLS). DROP T	00 SKS OF OP PLUG.
				-		O – LOST 200 BE S. FDP) , FLOATS				RFACE , BUMI	PLUG 01:
01:00	03:00	2.0	WAIT 1 HRS O	N CEMENT, R	/D CEMEN	IT HEAD, L/D L	ANDING	3 JT, INSTA	LL & TEST PA	ACKOFF TO 50	00 PSI –
03:00	05:00	2.0	N/D BOP'S & 0	CLEAN PITS.							
05:00	06:00	1.0	R/D & PREPAR	RE TO MOVE F	NG FOR H	IGHWAY MOVE	3.				
			TRUCKING ST			CAMP ALONG	WITH S	JB AND DE	ERRICK		
						, CEMENTING	W/ SCHL	UMBERGE	ER (2).		
			BOP DRILL: N	ONE.							
			OPERATED CO	OM (2), WITNE	ESSED (1).						
			FUEL REC'D:	0 GALS DIESE	EL.						
			FUEL ON HAN	ND: 2393 GAL,	FUEL USI	ED: 599 GALS.					
			MUD WT: PPO	G, VIS: .							
			BG GAS: U, P	EAK GAS: U (	@ ', TRIP (	GAS: U.					
			FORMATION:	TD @ 9520'.							
			MANNED LOC	GGING UNIT -	- DAY 8.						

ITEMS TRANSFERED FROM ECW 68–04 TO WING SPRING 02–14: 260.04' (6 JTS) 4 1/2", 11.6#, N–80, LTC, CSG.

 $88.85^{\circ}\ (5\ \text{PUPS})\ 4\ 1/2",\ 11.6\#,\ P{-}110,\ LTC,\ PUP\ JTS.$ 

FUEL 2393 GALS. @ \$3.67 PER GAL.

RIG MOVE FROM ECW 68-04 TO WING SPRING 02-14 - 164 MILES.

06:00

RELEASE RIG @ 05:00 HRS, 10/9/08. CASING POINT COST \$693,159

10-14-2008	Reported By	SE	ARLE							
DailyCosts: Drilli			Con	pletion	\$25,500		Daily	y Total	\$25,500	
Cum Costs: Drilli		,755	Con	ipletion	\$244,768		Well	Total	\$966,523	
MD 9,52	0 <b>TVD</b>	9,520	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation :		<b>PBTD</b> : 94	157.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at Repor	t Time: LOG									
Start End	Hrs A	ctivity Desci	ription							
06:00		IRU SCHLUN CHLUMBER C		ABLE TO	LOG DUE TO G	AS MIG	RATING UP	4.5" CASINO	G. PREP TO SET	CIBP. R
0-16-2008	Reported By	SE	ARLE							
DailyCosts: Drilli	ng \$0		Con	pletion	\$4,500		Daily	y Total	\$4,500	
Cum Costs: Drilli	ng \$721	,755	Con	pletion	\$249,268		Well	Total	\$971,023	
MD 9,52	0 <b>TVD</b>	9,520	Progress	0	Days	10	MW	0.0	Visc	0.0
ormation :		<b>PBTD</b> : 94	157.0		Perf:			PKR Dep	pth: 0.0	
ctivity at Repor	t <b>Time:</b> SET CII	ВР								
tart End	Hrs A	ctivity Desci	ription							
06:00	M	IRU CUTTER	S WIRELINE.	SET CIBP	@ 9435'. RDWI	L. LET G	AS MIGRAT	E OUT OF C	ASING.	
0-17-2008	Reported By	SE	ARLE							
DailyCosts: Drilli	ng \$0		Con	pletion	\$19,279		Daily	y Total	\$19,279	
Cum Costs: Drilli	ng \$721	,755	Con	pletion	\$268,547		Well	Total	\$990,302	
<b>MD</b> 9,52	0 <b>TVD</b>	9,520	Progress	0	Days	11	MW	0.0	Visc	0.0
formation :		<b>PBTD</b> : 94	157.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
activity at Repor	t Time: PREP F	OR FRACS								
start End	Hrs A	ctivity Desci	ription							
06:00 06:0		IRU SCHLUN '. RD SCHLU		G WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD	TO 80'. EST	CEMENT TOP	ABOVE
10-31-2008	Reported By	М	CCURDY							
DailyCosts: Drilli	ng \$0		Con	apletion	\$1,218		Dail	y Total	\$1,218	
Cum Costs: Drilli	ng \$721	,755	Con	pletion	\$269,765		Well	Total	\$991,520	
MD 9,52	0 <b>TVD</b>	9,520	Progress	0	Days	13	MW	0.0	Visc	0.0
Formation : MES.	AVERDE	<b>PBTD</b> : 94	157.0		Perf: 8200'-	9205'		PKR De	<b>pth:</b> 0.0	
	and and									
Activity at Repor	t Time: FRAC									

06:00

06:00

Well Name: ECW 068-04

24.0 RU LONE WOLF WIRELINE & PERFORATE LPR FROM 8926'-27', 8953'-54', 8962'-63', 8981'-82', 8991'-92', 9004'-05', 9026'-27', 9088'-89', 9129'-30'. 9142'-43', 9203'-05'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 0 GAL WF116 PAD, 2081 GAL YF116ST+ PAD, 39230 GAL YF116ST+ WITH 128900# 20/40 SAND @ 1-5 PPG. MTP 6294 PSIG. MTR 51.3 BPM. ATP 4910 PSIG. ATR 47.4 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8905'. PERFORATE MPR/LPR FROM 8706'-07', 8729'-30', 8751'-52', 8788'-89', 8802'-03', 8813'-15', 8822'-24', 8870'-71', 8882'-83', 8890'-91'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4177 GAL YF116ST+ PAD, 34047 GAL YF116ST+ WITH 87600# 20/40 SAND @ 1-4 PPG. MTP 6461 PSIG. MTR 50 BPM. ATP 5812 PSIG. ATR 43 BPM. ISIP 4000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8652'. PERFORATE MPR FROM 8510'-12', 8517'-18', 8526'-27', 8550'-51', 8567'-68', 8573'-74', 8595'-96', 8600'-01', 8612'-13', 8627'-28', 8631'-32'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4165 GAL YF116ST+ PAD, 36957 GAL YF116ST+ WITH 100700# 20/40 SAND @ 1-4 PPG. MTP 6578 PSIG. MTR 50.1 BPM. ATP 5317 PSIG. ATR 46 BPM. ISIP 4700 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8492'. PERFORATE MPR FROM 8354'-55', 8361'-62', 8368'-69', 8400'-01', 8405'-06', 8412'-13', 8425'-26', 8437'-38', 8447'-48', 8459'-60', 8474'-76'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4165 GAL YF116ST+ PAD, 35000 GAL YF116ST+ WITH 93500# 20/40 SAND @ 1-4 PPG. MTP 6382 PSIG. MTR 50 BPM. ATP 4798 PSIG. ATR 44 BPM. ISIP 2250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8320'. PERFORATE MPR FROM 8200'-01', 8209'-10', 8220'-21', 8225'-26', 8235'-26', 8248'-49', 8252'-53', 8265'-66', 8275'-76', 8280'-81', 8292'-93', 8303'-04' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2068 GAL YF116ST+ PAD, 45598 GAL YF116ST+ WITH 154700# 20/40 SAND @ 1-4 PPG. MTP 6476 PSIG. MTR 50 BPM. ATP 4577 PSIG. ATR 47.8 BPM. ISIP 2900 PSIG. RD SCHLUMBERGER. SDFN.

11012008	Re	eported By	M	CCURDY							
DailyCosts: Da	rilling	\$0		Con	npletion	\$32,477		Daily	Total	\$32,477	
Cum Costs: D	rilling	\$72	1,755	Con	npletion	\$302,242		Well	<b>Fotal</b>	\$1,023,997	
MD	9,520	TVD	9,520	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : M	IESAVE	RDE	<b>PBTD</b> : 9	457.0		Perf: 5642'-	-9205'		PKR Dep	oth: 0.0	

Activity at Report Time: FRAC STAGES 12 & 13

Hrs

Start End

Activity Description

06:00 06:00

24.0 INTIAL 1700 PSIG. RUWL SET 10K CFP AT 8170'. PERFORATE MPR FROM (8036'-37' MISFIRED), 8040'-41', 8049'-50', 8061'-62', 8087'-88', 8094'-95', 8105'-06', 8116'-17', 8125'-26', 8135'-36', 8142'-43', 8148'-49'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2076 GAL YF116ST+ PAD, 49811 GAL YF116ST+ WITH 155550 # 20/40 SAND @ 1-5 PPG. MTP 6507 PSIG. MTR 51.5 BPM. ATP 5139 PSIG. ATR 47.4 BPM. ISIP 2750 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8010'. PERFORATE UPR FROM 7726'-27', 7755'-56', 7842'-43', 7848'-49', 7867'-68', 7878'-79', 7885'-86', 7950'-51', 7964'-66', 7975'-76', 7991'-92', @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2071 GAL YF116ST+ PAD, 40105 GAL YF116ST+ WITH 131200 # 20/40 SAND @ 1-4 PPG. MTP 6593 PSIG. MTR 50.7 BPM. ATP 5002 PSIG. ATR 47.2 BPM. ISIP 3100 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7580'. PERFORATE UPR FROM 7282'-83', 7306'-07', 7324'-25', 7349'-50', 7370'-71', 7380'-81', 7447'-48', 7463'-64', 7492'-93', 7507'-08', 7525'-26', 7556'-57'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2069 GAL YF116ST+ PAD, 36701 GAL YF116ST+ WITH 117700 # 20/40 SAND @ 1-4 PPG. MTP 6595 PSIG. MTR 50.6 BPM. ATP 4938 PSIG. ATR 46.9 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7250'. PERFORATE NORTH HORN FROM 7010'–11', 7035'–36', 7080'–82', 7127'–28', 7153'–54', 7163'–64', 7178'–79', 7185'–86', 7192'–93', 7227'–29'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T–106, 2065 GAL YF116ST+ PAD, 45870 GAL YF116ST+ WITH 139800 # 20/40 SAND @ 1–5 PPG. MTP 5992 PSIG. MTR 50.7 BPM. ATP 4314 PSIG. ATR 48.2 BPM. ISIP 2800 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 6920'. PERFORATE Ba FROM 6563'-64', 6597'-98', 6614'-15', 6635'-36', 6696'-99', 6745'-46', 6793'-94', 6828'-29', 6873'-74', 6901'-02'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2068 GAL YF116ST+ PAD, 30873 GAL YF116ST+ WITH 95700 # 20/40 SAND @ 1-4 PPG. MTP 6092 PSIG. MTR 50.6 BPM. ATP 4227 PSIG. ATR 48.3 BPM. ISIP 2550 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 6495'. PERFORATE Ba FROM 6169'-70', 6181'-82', 6191'-92', 6199'-200', 6213'-14', 6274'-75', 6285'-86', 6310'-11', 6345'-46', 6375'-76', 6404'-05', 6469'-70'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2069 GAL YF116ST+ PAD, 30456 GAL YF116ST+ WITH 92200 # 20/40 SAND @ 1-4 PPG. MTP 6006 PSIG. MTR 50.7 BPM. ATP 3779 PSIG. ATR 46 BPM. ISIP 1650 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 5950'. PERFORATE Ca FROM 5642'-44', 5652'-54', 5661'-62', 5729'-30', 5801'-02', 5836'-37', 5842'-43', 5862'-63', 5882'-83', 5917'-18'@ 3 SPF @ 120° PHASING. RDWL. SWIFN.

11-02-2008	Re	eported By	, M	CCURDY							
DailyCosts:	Drilling	\$0		Con	pletion	\$477,358		Daily	Total	\$477,358	
Cum Costs:	Drilling	\$72	1,755	Con	apletion	\$779,601		Well 7	<b>Fotal</b>	\$1,501,356	
MD	9,520	TVD	9,520	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation:	MESAVE	RDE	<b>PBTD</b> : 9	457.0		Perf: 5400'-	9205		PKR Der	oth: 0.0	

Activity at Report Time: MIRUSU CLEAN OUT SAND AND DRILL OUT FRAC PLUGS

#### Start End Hrs Activity Description

06:00 06:00

24.0 INTIAL 1120 PSIG. RUWL SET 10K CFP AT 5950'. PERFORATE Ca FROM 5642'-44', 5652'-54', 5661'-62', 5729'-30', 5801'-02', 5836'-37', 5842'-43', 5862'-63', 5882'-83', 5917'-18'@ 3 SPF @ 120° PHASING. RDWL. SWIFN. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2066 GAL YF116ST+ PAD, 30085 GAL YF116ST+ WITH 110000 # 20/40 SAND @ 1-4 PPG. MTP 4414 PSIG. MTR 50.7 BPM. ATP 3528 PSIG. ATR 47.3 BPM. ISIP 2100 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 5470'. PERFORATE Pp FROM 5400'-02', 5407'-09', 5416'-18', 5420'-22', 5426'-28', 5443'-45'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2069 GAL YF116ST+ PAD, 34824 GAL YF116ST+ WITH 111200 # 20/40 SAND @ 1-4 PPG. MTP 4929 PSIG. MTR 50.7 BPM. ATP 3730 PSIG. ATR 47.7 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CBP AT 5309', BLEED WELL TO 0 PSIG, RDMO LONE WOLF WIRELINE, SWIFN.

11-04-20	008 R	eported B	y H	AL IVIE							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$41,839		Daily To	tal	\$41,839	
Cum Cos	ts: Drilling	\$7	21,755	Co	mpletion	\$821,440		Well Tot	al	\$1,543,195	
MD	9,520	TVD	9,520	Progress	0	Days	16	MW	0.0	Visc	0.0
Formatio	n: MESAVE	ERDE	<b>PBTD</b> : 9	457.0		Perf: 5400'-	9205'	I	KR Dep	oth: 0.0	
Activity a	t Report Ti	me: CLEA	N OUT AFTE	R FRAC							
Start	End	Hrs	Activity Desc	ription							
06:00	16:00		MIRU ROYAL PLUGS. SDFN		FRAC TREE	NU BOP. RIH	W/BIT &	Ł PUMP OFF SU	B TO 530	9'. RU TO DRII	LL OUT
11-05-20	008 R	eported B	у Н	AL IVIE							
DailyCost	ts: Drilling	\$0		Co	mpletion	\$70,350		Daily To	tal	\$70,350	

Cum Cost	s: Drilling	\$721	,755	C	Completion	\$891,790		Well	Total	\$1,613,545	
MD	9,520	TVD	9,520	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 9	9457.0		Perf: 5400'-	-9205'		PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity at	Report Ti	me: FLOW	ΓEST								
Start	End	Hrs A	ctivity Des	cription							
06:00	06:00	81	70', 8320', 8	3492', 8652',		LEANED OUT				0', 7250', 7580', AT 6962' KB. NI	
			OWED 14 F .WTR.	IRS. 24/64" (	СНОКЕ. FTP	1100 PSIG, CP	1250 PSIC	6. 74 BFPH. R	ECOVERED	1036 BLW. 1332	25
		т	JBING DET	AIL LENG	TH						
		PU	JMP OFF SU	лв 1.00°							
		1.3	T 2-3/8 4.7#	# N-80 TBG	31.70'						
		X	NIPPLE	1.10'							
		21	0 JTS 2-3/8	4.7# N−80 T	BG 6914.71°						
		BI	ELOW KB	13.00'							
		LA	ANDED @	6961.51' K	В						
1-06-200	)8 R	eported By	H	AL IVIE							
DailyCosts	s: Drilling	\$0		C	Completion	\$3,565		Daily	Total	\$3,565	
Cum Cost	s: Drilling	\$721	,755	C	Completion	\$895,355		Well	Total	\$1,617,110	
MD	9,520	TVD	9,520	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	PBTD:	9457.0		Perf: 5400'-	-9205'		PKR De <sub>l</sub>	oth: 0.0	
Activity at	Report Ti	me: FLOW	TEST								
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	24.0 FI	•	-	CHOKE. FTP	1050 PSIG. CP	1100 PSIC	i. 58 BFPH. R	ECOVERED	1402 BLW. 1092	23
1-07-200	)8 R	eported By	H	AL IVIE							
DailyCost	s: Drilling	\$0		C	Completion	\$4,765		Daily	Total	\$4,765	
Cum Cost	s: Drilling	\$721	,755	(	Completion	\$900,120		Well	Total	\$1,621,875	-
MD	9,520	TVD	9,520	Progress	0	Days	19	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	PBTD:	9457.0		Perf: 5400'-	-9205'		PKR De	pth: 0.0	
Activity at	Report Ti	me: FLOW	ГЕST								
Start	End	Hrs A	ctivity Desc	cription							
06:00	06:00	24.0 FI	=	=	CHOKE. FTP	1050 PSIG. CP	1150 PSIC	6. 48 BFPH. R	ECOVERED	1105 BLW. 108	18
1-08-200	)8 R	eported By	Н	AL IVIE							
DailyCosts	s: Drilling	\$0		(	Completion	\$4,765		Daily	Total	\$4,765	
•	s: Drilling	\$721	,755		Completion	\$903,085		•	Total	\$1,624,840	
Cum Cost	_										
MD	9,520	TVD	9,520	Progress	0	Days	20	MW	0.0	Visc	0.0

Activity at Report Time: FLOW TEST

Start End Hrs **Activity Description** 

24.0 FLOWED 24 HRS, 24/64" CHOKE, FTP 1050 PSIG, CP 1125 PSIG, 41 BFPH, RECOVERED 983 BLW. 9835 BLWTR. 06:00 06:00

11-09-2008 HAL IVIE Reported By

DailyCosts: Drilling \$0 \$2,965 **Daily Total** \$2,965 Completion

\$1,627,805 **Cum Costs: Drilling** \$721,755 Completion \$906,050 Well Total

9,520 0.0 TVD 9,520 0 MD **Progress** Days 21 MWVisc

**Formation:** MESAVERDE PKR Depth: 0.0 **PBTD**: 9457.0 Perf: 5400'-9205'

Activity at Report Time: FLOW TEST

End **Activity Description** Start Hrs

24.0 FLOWED 24 HRS. 24/64" CHOKE, FTP 1000 PSIG. CP 1400 PSIG. 37 BFPH. RECOVERED 897 BLW. 8935 BLWTR. 06:00 06:00

0.0

0.0

0.0

PKR Depth: 0.0

0.0

Visc

HAL IVIE 11-10-2008 Reported By

\$0 \$2,965 \$2,965 DailyCosts: Drilling Completion **Daily Total** 

**Cum Costs: Drilling** \$721,755 Completion \$909,015 Well Total \$1,630,770

0.0 MD 9,520 TVD 9,520 **Progress** 0 Days 22 MW0.0 Visc

Perf: 5400'-9205'

23

MW

Activity at Report Time: FLOW TEST

**Formation:** MESAVERDE

End Hrs **Activity Description** Start

**PBTD**: 9457.0

9,520

24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 1000 PSIG. CP 1700 PSIG. 34 BFPH. RECOVERED 809 BLW. 8126 BLWTR. 06:00 06:00

Days

HAL IVIE 11-11-2008 Reported By

\$0 \$2,965 \$2,965 DailyCosts: Drilling Completion **Daily Total** 

\$721,755 \$911,980 \$1,633,735 **Cum Costs: Drilling** Completion Well Total 0

**Formation:** MESAVERDE **PBTD**: 9457.0 Perf: 5400'-9205' PKR Depth: 0.0

Activity at Report Time: FLOW TEST

9,520

MD

**Activity Description** Start End Hrs

TVD

24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 950 PSIG. CP 1700 PSIG. 28 BFPH. RECOVERED 684 BLW. 7442 BLWTR. 06:00 06:00

HAL IVIE Reported By 11-12-2008

**Progress** 

**Progress** 

\$0 \$2,965 \$2,965 DailyCosts: Drilling Completion **Daily Total** \$721,755 \$914,945 **Cum Costs: Drilling** Completion Well Total \$1,636,700

0 MD 9,520 TVD 9,520 Days 24 MW0.0 Visc

**PBTD**: 9457.0 Perf: 5400'-9205' Formation: MESAVERDE PKR Depth: 0.0

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs **Activity Description** 

06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 900 PSIG. CP 1650 PSIG. 23 BFPH. RECOVERED 540 BLW. 6902 BLWTR. 06:00

11-13-2008 Reported By HAL IVIE

DailyCosts: Drilling \$0 \$2,765 **Daily Total** \$2,765 Completion \$721,755 \$917,710 Well Total \$1,639,465 **Cum Costs: Drilling** Completion

TVD 0 25 0.0 0.0 9,520 9,520 Days MW Visc MD **Progress** 

**Formation:** MESAVERDE

**PBTD**: 0.0

Perf: 5400-9205

PKR Depth: 0.0

Activity at Report Time: FLOW TEST

Start End Hrs **Activity Description** 

06:00 06:00 24.0 FLOWED 24 HRS THRU TEST UNIT. 24/64" CHOKE. FTP 850 PSIG. CP 1600 PSIG. 21 BFPH. RECOVERED 499

BLW. 6403 BLWTR.

11-14-2008 Reported By

Completion \$721,755

HAL IVIE

Completion

\$2,165

**Daily Total** 

\$2,165

DailyCosts: Drilling **Cum Costs: Drilling** 

**Formation:** MESAVERDE

**Progress** 

\$919,875

**Well Total** 

MW

\$1,641,630 Visc

MD

9,520 TVD

9,520 **PBTD**: 0.0 0

Days 26 Perf: 5400-9205

0.0

PKR Depth: 0.0

Activity at Report Time: WO FACILITIES

Start 06:00

End 06:00

**Activity Description** Hrs

24.0 FLOWED 7 HRS THRU BRECO, 24/64" CHOKE, FTP 840 PSIG. CP 1580 PSIG. 17 BFPH. RECOVERED 117 BLW.

6286 BLWTR, SI, WO FACILITIES.

FINAL COMPLETION DATE: 11/13/08

11-19-2008 Reported By

9,520

RITA THOMAS

\$167,518

**Daily Total** 

\$167,518

\$1,809,148

DailyCosts: Drilling **Cum Costs: Drilling** 

MD

TVD

\$0

\$721,755 9,520

Completion **Progress** 

Completion

0

\$1,087,393 Days

27 MW

Well Total 0.0 Visc

0.0

0.0

Formation: MESAVERDE

**PBTD**: 0.0

Perf: 5400-9205

PKR Depth: 0.0

Activity at Report Time: FACILTIY COST

Start 06:00

End 06:00

**Activity Description** Hrs 24.0 FACILITY COST \$167,518 Form 3160-5 (August 2007)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

Lease Serial No.
 UTU01304

 If Indian, Allottee or Tribe Name

abandoned wel	II. Use form 3160-3 (APD) for	such proposals.	0.	If Indian, Allouee of	r Tribe Name
SUBMIT IN TRI	PLICATE - Other instructions	on reverse side.	7.	If Unit or CA/Agree	ement, Name and/or No.
1. Type of Well		,		Well Name and No. EAST CHAPITA 6	68-04
☐ Oil Well ☑ Gas Well ☐ Oth  2. Name of Operator EOG RESOURCES, INC.	Contact: MICKE	ENZIE THACKER CKER@EOGRESOURCE		API Well No. 43-047-39279	
3a. Address 1060 E. HWY 40	3b. P	hone No. (include area code) 435-781-9145	10	. Field and Pool, or NATURAL BUT	
VERNAL, UT 84078  4. Location of Well (Footage, Sec., T	R M., or Survey Description)		11.	. County or Parish, a	and State
Sec 4 T9S R23E NWNW 1046 40.06912 N Lat, 109.33985 W	SFNL 465FWL			UINTAH COUN	TY, UT
12. CHECK APPE	ROPRIATE BOX(ES) TO IND	ICATE NATURE OF N	NOTICE, REPC	RT, OR OTHE	R DATA
TYPE OF SUBMISSION		TYPE OF	ACTION		
☐ Notice of Intent	☐ Acidize	□ Deepen	□ Production	(Start/Resume)	■ Water Shut-Off
<del></del>	☐ Alter Casing	☐ Fracture Treat	■ Reclamation	1	■ Well Integrity
Subsequent Report	Casing Repair	■ New Construction	☐ Recomplete		Other
☐ Final Abandonment Notice	☐ Change Plans	Plug and Abandon	☐ Temporarily	/ Abandon	Production Start-up
•	☐ Convert to Injection	☐ Plug Back	■ Water Dispo	osal	
testing has been completed. Final At determined that the site is ready for f.  The referenced well was turned the strong that the strong testing testing the strong testing testi	ed to sales on 12/17/2008. Pleas on operations performed on the	after all requirements, includ see see the attached ope	ing reclamation, ha	ve been completed, a	VED 2003
14. Thereby county that the follogoing is	Flactronic Submission #65728	IRCES, INC., sent to the	Vernal		.··
Name (Printed/Typed) MICKENZ	IE THACKER	Title OPERA	TIONS CLERK		
Signature Will CEATROLS	Submisyanelly)	Date 12/18/2	008		
U.	THIS SPACE FOR FE	DERAL OR STATE	OFFICE USE		
Approved By		Title			Date
Conditions of approval, if any, are attache certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applicant to conduct the applicant the applicant the applicant the applicant the applicant to conduct the applicant the appli	uitable title to those rights in the subjec-	rrant or t lease Office			
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a crime f statements or representations as to any	or any person knowingly and matter within its jurisdiction.	willfully to make t	o any department or	agency of the United

#### WELL CHRONOLOGY **REPORT**

Report Generated On: 12-18-2008

Well Name	ECW 068-04	Well Type	DEVG	Division	DENVER					
Field	CHAPITA DEEP	API#	43-047-39279	Well Class	1SA					
County, State	UINTAH, UT	Spud Date	10-01-2008	Class Date	12-17-2008					
Tax Credit	N	TVD / MD	9,520/ 9,520	Property #	060415					
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/0					
KB / GL Elev	4,942/ 4,929									
Location	Section 4-T9S-R23E, NWNW, 1046 FNL & 465 FWL									

DRILL & COMPLETE

Operator	RESOURC	ES, INC V	WI %		100.0		NRI %		84.75		
AFE No	304451		AFE Total		2,295,600		DHC / CWC		956,100/ 1,339,500		
Rig Contr	TRUE		Rig Name	TRUE #20	6	Start Date	07-	-24-2007	Release	Date	10-09-2008
07-24-2007	Rep	orted By	SHARON CAUDILL								
DailyCosts: Drilling \$0			Completion		\$0	Daily Total			\$0		
Cum Costs: Drilling \$0			Completion		\$0	Well Total		\$0			
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :	rmation: PBTD: 0.0					Perf:	PKR Depth: 0.0				

Activity at Report Time: LOCATION DATA

**Event No** 

Start **Activity Description** End Hrs 06:00 06:00

24.0 LOCATION DATA

1046' FNL & 465' FWL (NW/NW)

SECTION 4, T9S, R23E

UINTAH COUNTY, UTAH

LAT 40.069119, LONG 109.339847 (NAD 83) LAT 40.069156, LONG 109.339167 (NAD 27)

Description

TRUE #26

OBJECTIVE: 9520' TD, MESAVERDE

DW/GAS

EAST CHAPITA PROSPECT DD&A: CHAPITA DEEP NATURAL BUTTES FIELD

LEASE: U-01304

ELEVATION: 4927.2' NAT GL, 4928.8' PREP GL (DUE TO ROUNDING THE PREP GL IS 4929'), 4942' KB (13')

EOG WI 100%, NRI 84.75%

08-13-2008

Reported By

TERRY CSERE

RECEIVED

DEC 2 2 2008

DIV. OF OIL, GAS & MINING

MD 0 TVD  Formation:  Activity at Report Time: BUIL  Start End Hrs 06:00 06:00 24.0  08-14-2008 Reported B  DailyCosts: Drilling \$3  MD 0 TVD  Formation:  Activity at Report Time: BUIL  Start End Hrs 06:00 06:00 24.0  08-15-2008 Reported B  DailyCosts: Drilling \$0  Cum Costs: Drilling \$0  TVD  Formation:  Activity at Report Time: BUIL  Start End Hrs 06:00 06:00 24.0  Start End Hrs 06:00 06:00 24.0  Formation:  Activity at Report Time: BUIL  Start End Hrs 06:00 06:00 24.0  Reported B  DailyCosts: Drilling \$3  MD 0 TVD  Formation:  Activity at Report Time: BUIL  Start End Hrs 06:00 06:00 24.0  Reported B  DailyCosts: Drilling \$0	0 Progress PBTD: 0.0 D LOCATION  Activity Description LOCATION STARTED.  TERRY CSERF 8,000 Co 0 Progress PBTD: 0.0 D LOCATION  Activity Description ROCKED OUT.  TERRY CSERF Co 8,000 Co 0 Progress PBTD: 0.0	E ompletion ompletion 0	\$0 Days Perf:  \$0 \$0 Days Perf:  \$0 Days Perf:	0	Well T MW  Daily T MW  Daily T Well T MW	0.0 PKR De	\$0 \$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	0.0
Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-14-2008 Reported B DailyCosts: Drilling \$0  Cum Costs: Drilling \$3  MD 0 TVD  Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-15-2008 Reported B DailyCosts: Drilling \$3  MD 0 TVD  Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  STATE End Hrs  06:00 06:00 24.0	PBTD: 0.0 D LOCATION  Activity Description LOCATION STARTED.  TERRY CSERF  8,000 0 Progress PBTD: 0.0 D LOCATION  Activity Description ROCKED OUT.  TERRY CSERF  Co. 8,000 C. 0 Progress PBTD: 0.0 D LOCATION	E Completion O O E Completion Completion	\$0 \$0 Days Perf:	0	Daily T Well T MW Daily T Well T	PKR De	\$0 \$38,000 Visc pth: 0.0	0.0
Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-14-2008 Reported B  Daily Costs: Drilling \$0  Cum Costs: Drilling \$3  MD 0 TVD  Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-15-2008 Reported B  Daily Costs: Drilling \$0  Cum Costs: Drilling \$0  Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-18-2008 Reported B  Daily Costs: Drilling \$3  MD 0 TVD  Formation: Activity at Report Time: BUIL Start End Hrs  06:00 06:00 24.0  08-18-2008 Reported B  Daily Costs: Drilling \$0	D LOCATION  Activity Description  LOCATION STARTED.  TERRY CSERF  8,000  0 Progress  PBTD: 0.0  D LOCATION  Activity Description  ROCKED OUT.  y TERRY CSERF  8,000  0 Progress  PBTD: 0.0  D LOCATION  D LOCATION	ompletion  0  E  completion  completion  completion	\$0 \$0 Days Perf:		Well T MW Daily T Well T	Total  0.0  PKR De  Total  Cotal  0.0	\$0 \$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
Start         End         Hrs           06:00         06:00         24.0           08-14-2008         Reported B           DailyCosts: Drilling         \$0           Cum Costs: Drilling         \$1           MD         0         TVD           Formation:           Activity at Report Time: BUIL         Start         End         Hrs           06:00         06:00         24.0         08-15-2008         Reported B           DailyCosts: Drilling         \$3           MD         0         TVD           Formation:         Activity at Report Time: BUIL           Start         End         Hrs           06:00         06:00         24.0           08-18-2008         Reported B           DailyCosts: Drilling         \$0	Activity Description LOCATION STARTED.  TERRY CSERE  CA 8,000  Progress  PBTD: 0.0  D LOCATION  Activity Description  ROCKED OUT.  TERRY CSERE  8,000  Progress  PBTD: 0.0  D LOCATION  D LOCATION  D LOCATION	ompletion  0  E  completion  completion  completion	\$0  Days  Perf:  \$0  \$0  Days		Well T MW Daily T Well T	Otal O.0 PKR Dep	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
06:00         06:00         24.0           08-14-2008         Reported B           Daily Costs: Drilling         \$0           Cum Costs: Drilling         \$3           MD         0         TVD           Formation:         Activity at Report Time: BUIL           Start         End         Hrs           06:00         06:00         24.0           08-15-2008         Reported B           Daily Costs: Drilling         \$3           MD         0         TVD           Formation:         Activity at Report Time: BUIL           Start         End         Hrs           06:00         06:00         24.0           08-18-2008         Reported B           Daily Costs: Drilling         \$0	LOCATION STARTED.  TERRY CSERF  8,000  0  Progress  PBTD: 0.0  D LOCATION  Activity Description  ROCKED OUT.  y  TERRY CSERF  8,000  0  Progress  PBTD: 0.0  D LOCATION	ompletion  0  E  completion  completion  completion	\$0  Days  Perf:  \$0  \$0  Days		Well T MW Daily T Well T	Otal O.0 PKR Dep	\$38,000 Visc pth: 0.0 \$0 \$38,000 Visc	
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DailyCosts:	Drilling	\$0		Com	pletion	\$0		<b>Daily</b>	Total	\$0	
Cum Costs:	Drilling	\$38,00	00	Com	pletion	\$0		Well 7	Tota <b>l</b>	\$38,000	
MD	0	TVD	0	Progress	0	Days	0	MW	0.0	Visc	0.0
Formation :			PBTD:	0.0		Perf:			PKR De	pth: 0.0	

Activity at Report Time: SPUD NOTIFICATION - WO AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 08/26/08 @ 11:30 A.M., SET 60' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM AND
			MICHAEL LEE W/BLM OF THE SPUD 08/26/08 @ 11:00 A.M.

Formation:			<b>PBTD</b> : 0	.0		Perf:		•	PKR De	oth: 0.0	
<b>MD</b> 2	,470	TVD	2,470	Progress	0	Days	0	MW	0.0	Visc	0.0
Cum Costs: Dr	illing	\$279	,675	Con	pletion	\$0		Well 1	<b>Fotal</b>	\$279,675	
DailyCosts: Dri	illing	\$241	,675	Com	pletion	\$0		Daily	Total	\$241,675	
09-12-2008	Re	ported By	Da	AN FARNSWOI	RTH						

Activity at Report Time: WORT

Start	End	Hrs	<b>Activity Description</b>
State	Liiu	AAR D	received Description

06:00 06:00

24.0 MIRU CRAIGS DRILLING RIG # 4 ON 9/8/2008. DRILLED 12–1/4" HOLE TO 2470' GL. RAN 61 JTS (2456.57') OF 9–5/8", 36.0#, J–55,LT&C CASING WITH HALLIBURTON GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2469' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.

MIRU HALLIBURTON CEMENTERS. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 3000 PSIG. PUMPED 190 BBLS FRESH WATER & 20 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 200 SX (146 BBLS) OF PREMIUM LEAD CEMENT W/0.2% VARASET, 2% CALSEAL, & 2% EX-1. MIXED LEAD CEMENT @ 10.5 PPG W/YIELD OF 4.01 CF/SX.

TAILED IN W/300 SX (63 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED TAIL CEMENT TO 15.6 W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/186.9 BBLS FRESH WATER. BUMP PLUG W/550PSI. @ 08:23 PM, 9/10/2008. CHECKED FLOAT, FLOAT HELD. SHUT—IN CASING VALVE. BROKE CIRCULATION 50 BBLS INTO LEAD CEMENT. LOST CIRCULATION 130 BBLS INTO DISPLACEMENT.

TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED & PUMPED 100SX (21 BBLS) OF PREMIUM CEMENT W/2 % CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. NO RETURNS. WOC 2 HRS.

TOP JOB # 2: MIXED & PUMPED 185 SX (38 BBLS) OF PREMIUM CEMENT W/2% CACL2. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED & STOOD FULL. RDMO HALLIBURTON CEMENTERS.

PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE WITH STRAIGHT HOLE SURVEY, TAGGED CEMENT AT 2370' G.L. PICKED UP TO 2350' AND TOOK SURVEY — BULLS EYE.

CONDUCTOR LEVEL RECORD: PS= 89.8 OPS= 89.9 VDS= 89.9 MS= 90.0 9 5/8 CASING LEVEL RECORD: PS= 89.9 OPS= 89.9 VDS= 89.9 MS= 89.9

LESTER FARNSWORTH NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING & CEMENT JOB ON  $9/9/2008 \ @ 05:30 \ PM$ .

DailyCos	ts: Drilling	\$31,303	Con	pletion	\$0		Dail	y Total	\$31,303	
Cum Cos	ts: Drilling	\$310,978	Con	pletion	\$0		Well	l Total	\$310,978	
MD	2,470	<b>TVD</b> 2,470	Progress	0	Days	0	MW	0.0	Visc	0.0
Formatio	n:	PBTD :	0.0		Perf:			PKR De <sub>l</sub>	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: PU BHA								
Start	End	Hrs Activity De	scription							
06:00	22:00	16.0 MOVE ONTO HRS.	D LOCATION EC	W 6804 -	TRUCKS C	FF OF LOC	ATION @ 15	:30 HRS. DEF	RRICK IN AIR I	BY 16:00
		RIG UP RT								
		NIPPLE UP I	BOP'S.							
		ITEMS TRA	NSFERED FROM	ECW 69-	04 TO ECW	68-04				
		137.69' (3 JT	S), 4 1/2", 11.6#, F	HCP -110,	LTC, R-3, 0	GOOD				
		45.56' (1 JT),	4 1/2", 11.6#, HC	P -110, L7	°C, R-3, BA	D				
		47.30' (2 MJ)	4 1/2", 11.6#, HC	P-110, LT	C, R-3, GOO	DD				
		20.00' (2 PUI	PS) 4 1/2", 11.6#, I	HCP -110,	LTC, GOOD	)				
		TRANSFERS	3815 GALLC	NS DIESI	LE @ 4.05 G	ALLON 154	50.75			
22:00	23:30	1.5 ACCEPT RIG	∂ @ 22:00 HRS, 1	0/1/08. DR	JLL MOUSE	E HOLE.				
23:30	05:00	MANIFOLD	PIPE RAMS, B ,FLOOR-VALVES LAR TO 250 PIS MULATOR.	, UPPER	AND LOWE	R KELLY C	OCK , TO 25	0 PSI F/ 5 MI	N., 5000 PSI FC	
05:00	05:30	0.5 INSTALL W	EAR BUSHING							
05:30	06:00	0.5 RU LAY DO	WN MACHINE/S	AFETY M	EETING					
		FULL CREW	'S: NO INCIDEN'	ΓS.						
		SAFETY ME	ETINGS: WITH F	CIMZEY.						
		BOP DRILL:	NONE.							
		OPERATED	COM (1), WITNE	SSED (1).						
		FUEL REC'I	: 0 GALS DIESE	L.						
		FUEL ON H	AND: 3515 GAL,	FUEL US	SED300 : GA	LS.				
		MUD WT: P	PG, VIS: .							
		BG GAS: U,	PEAK GAS: U @	) ', TRIP (	GAS: U.					
		FORMATIO	N: GREEN RIVER	a @: 2470	<b>'</b> .					
		UNMANNEI	LOGGING UNI	T – DAY	0.					
10-02-20	008 Re	eported By	BENNY BLACK	WELL/KE	LLY SPOON	TS				
DailyCos	ts: Drilling	\$37,261	Con	pletion	\$0		Dail	y Total	\$37,261	
Cum Cos	ts: Drilling	\$348,289	Con	pletion	\$0		Wel	l Total	\$348,289	
MD	3,800	<b>TVD</b> 3,800	Progress	1,304	Days	1	MW	8.4	Visc	27.0
Formatio	n:	PBTD :	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity a	t Report Ti	me: DRLG @ 3800'								
Start	End	Hrs Activity De	scription							
06:00	10:30	4.5 CONT TO R	G UP PICK UP E	QUIP & P	U BHA & D	P TO 2389'.				
10:30	11:30	1.0 RIG DOWN	PICK UP EQUIP.					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		

11:30	13:30	ILL CEMENT, FLOAT EQUIP AND 10' OF NEW	FORMATION TO 2496'.
13:30	14:00	C HOLE CLEAN AND PERFORM FIT – 238 PS	SI SURFACE PRESS W/ 8.5 PPG FLUID = 10.4 PPG EMW.
14:00	15:00	ILL F/ 2496' – 2559 ', 14–20K WOB, 45–65 RPM TOR, 63 FPH.	@ TABLE, 1300 PSI W/ 120 SPM = 420 GPM = 67 RPM F/
15:00	15:30	VIATION SURVEY @ 2482' – 2.25 DEG.	
15:30	21:00	ILL F/ 2559 ' – 3033', 14–20K WOB, 45–65 RPM TOR, 86.18 FPH.	@ TABLE, 1300 PSI W/ 120 SPM = 420 GPM = 67 RPM F/
21:00	21:30	RVICE RIG – DAILY RIG SERVICE.	
21:30	03:30	ILL F/ 3033' – 3570, 14–20K WOB, 45–65 RPM ( TOR, 89.5 FPH.	@ TABLE, 1400 PSI W/ 120 SPM = 420 GPM = 67 RPM F/
03:30	04:00	VIATION SURVEY @ 3495' – 3 DEG.	
04:00	06:00	ILL F/ 3570' – 3800', 14–20K WOB, 45–65 RPM TOR, 115 FPH.	@ TABLE, 1400 PSI W/ 120 SPM = 420 GPM = 67 RPM F/

FULL CREWS: NO INCIDENTS.

SAFETY MEETINGS: WITH KIMZEY (1), FAST DRILLING (1), CONNECTIONS (1) .

BOP DRILL: NONE.

OPERATED COM (3), WITNESSED (1).

FUEL REC'D: 0 GALS DIESEL.

FUEL ON HAND: 3515 GAL, FUEL USED300 : GALS.

MUD WT: 9.2 PPG, VIS: 32.

BG GAS: 70–90 U, PEAK GAS: 1896 U @ 2988', TRIP GAS: U.

FORMATION: MAHOGANY OIL SHALE @: 2670'.

UNMANNED LOGGING UNIT - DAY 1.

06:00

SPUD 7 7/8" HOLE @ 14:00 HRS, 10/1/08.

OPERATED COM (3), WITNESSED (1). FUEL REC'D: 4400 GALS DIESEL.

				0	. ,						
10-03-200	08 R	eported By	В	ENNY BLACK	WELL						
DailyCost	s: Drilling	\$56,	526	Cor	mpletion	\$0		Daily	Total	\$56,526	
Cum Cost	ts: Drilling	\$404	,816	Cor	mpletion	\$0		Well	Total	\$404,816	
MD	5,775	TVD	5,775	Progress	1,975	Days	2	MW	9.1	Visc	32.0
Formation	n:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	t Report Ti	me: DRILLI	NG @ 5775'								
Start	End	Hrs A	ctivity Desc	cription							
06:00	09:30	3.5 DI	RILL F/ 3800	o' – 4202', 14–2	20K WOB, 4	1565 RPM @	TABLE, 1	600 PSI W/ 12	0  SPM = 420	GPM = 67 RP	PM F/

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL F/ 3800' – 4202', 14–20K WOB, 45–65 RPM @ TABLE, 1600 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 114.8 FPH.
09:30	10:00	0.5	SERVICE RIG – DAILY RIG SERVICE.
10:00	13:30	3.5	DRILL F/ 4202' – 4583', 14–20K WOB, 45–65 RPM @ TABLE, 1600 PSI W/ 120 SPM = 420 GPM = 67 RPM F/ MOTOR, 108.8 FPH.
13:30	14:00	0.5	DEVIATION SURVEY @ 4506' – 4.00 DEG.
14:00	06:00	16.0	$ \begin{array}{l} \text{DRILL F/ 4583'-5775'', 14-20K WOB, 45-65 RPM @ TABLE, 1600 PSI W/ 117 SPM = 408 GPM = 65 RPM F/MOTOR, 74.5 FPH.} \\ \end{array} $
			DAYLIGHTS 1 MAN SHORT OTHERS FULL CREW: NO INCIDENTS.
			SAFETY MEETINGS: WORKING SHORT HANDED (3).
			BOP DRILL:MORNING TOUR (90 SEC), EVENING TOUR (88 SEC).

FUEL ON HAND: 6059 GAL, FUEL USED 1034 : GALS.

MUD WT: 9.3 PPG, VIS: 34.

BG GAS: 80-90 U, PEAK GAS: 1940 U @ 3837', TRIP GAS: U.

FORMATION: CHAPPITA WELLS @: 5512'.
UNMANNED LOGGING UNIT - DAY 2.

		UNM	IANNED	LOGGING UNI	Γ – DAY 2	2.					
10-04-200	8 Ro	eported By	Bl	ENNY BLACK	WELL						
DailyCosts:	Drilling	\$36,104	ļ	Con	pletion	\$0		Daily	Total	\$36,104	
Cum Costs	Drilling	\$440,92	20	Con	pletion	\$0		Well '	<b>Fotal</b>	\$440,920	
MD	6,528	TVD	6,528	Progress	753	Days	3	MW	9.75	Visc	38.0
Formation	:	J	<b>PBTD</b> : 0	.0		Perf:			PKR De	pth : 0.0	
Activity at	Report Ti	me: WASH & I	REAM TO	BTM							
Start	End	Hrs Acti	vity Desc	ription							
06:00	12:00		L F/ 5775 OR, 55 FP	' – 6105', 14–2 'H.	0K WOB,	45–65 RPM (	@ TABLE, 1	600 PSI W/ 11	7  SPM = 408	8 GPM = 65 RP	'M F/
12:00	12:30	0.5 SERV	/ICE RIG	– DAILY RIG S	ERVICE.						
12:30	17:30		L F/ 6105 OR, 56.8 I	' – 6389', 14–20 FPH.	K WOB, 4	5−65 RPM @	) TABLE, 1	600 PSI W/ 11	7 SPM = 408	GPM = 65 RP	M F/
17:30	18:00	0.5 FIX I	LEAK ON	STANDPIPE C	ONNECTI	ON ON RIG	FLOOR.				
18:00	23:00		L F/ 6389 OR, 27.81	' – 6528', 14–20 FPH.	K WOB, 4	5−65 RPM @	) TABLE, 1	600 PSI W/ 11	7 SPM = 408	GPM = 65 RP	M F/
23:00	23:30	0.5 MIX	& PUMP	PILL, DROP SU	RVEY.						
23:30	02:30	3.0 POH	FOR BIT	#2 (LOW ROP)	– NO HOI	LE PROBLEM	AS, L/D BIT	, MOTOR, & 2	ROLLER R	EAMERS.	
02:30	05:30	3.0 P/U I	BIT #2 & N	MOTOR, RIH –	NO HOLE	PROBLEMS	<b>5.</b>				
05:30	06:00	0.5 WAS	H & REA	м 70' то вотт	OM.						
		FULI	L CREW:	NO INCIDENTS	S.						
		SAFI	ETY MEE	TINGS: STAY A	LERT AN	D FOCUSED	(3).				
		BOP	DRILL:D	AYLIGHT TOU	R (75 SEC	), EVENING	TOUR (80 S	SEC).			
		OPEI	RATED CO	OM (5), WITNE	SSED (2).						
		FUE	L REC'D:	) GALS DIESEI	<b>_</b> .						
				ND: 4712 GAL,	FUEL USE	ED 1347 : GA	LS.				
		MUD	WT: 9.6	PPG, VIS: 36.							
				0 U, PEAK GAS	_	-	GAS: U.				
		FOR	MATION:	BUCK CANYO	N @ 6175	5'.					
		UNM	IANNED	LOGGING UNI	$\Gamma - DAY$	3.					
10-05-200	8 R	eported By	B	ENNY BLACK	WELL						
<b>DailyCosts</b> :	Drilling	\$43,198	3	Con	pletion	\$940		Daily	Total	\$44,138	

		-									
DailyCos	sts: Drilling	\$43.	198	Cor	mpletion	\$940		Daily	Total	\$44,138	
Cum Cos	sts: Drilling	\$47	7,274	Cor	mpletion	\$940		Well 7	Tota <b>l</b>	\$478,214	
MD	7,645	TVD	7,645	Progress	1,117	Days	4	MW	9.8	Visc	35.0
Formatio	on:		<b>PBTD</b> : 0	.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity :	at Report Ti	me: DRILL	ING @ 7645'								
•	at Report Ti End		ING @ 7645' ctivity Desc								
Activity : Start 06:00	•	Hrs A	ctivity Desc	ription ' – 6814', 14–2	20K WOB, 4	15-65 RPM @'	TABLE, 19	900 PSI W/ 117	7 SPM = 408	s GPM = 65 RF	PM F/

13:00 06:00 17.0 DRILL F/6814' - 7645', 14-20K WOB, 45-65 RPM @ TABLE, 1900 PSI W/113 SPM = 401 GPM = 64 RPM F/ MOTOR, 48.88 FPH.

FULL CREW: NO INCIDENTS.

SAFETY MEETINGS: LOCKOUT TAGOUT (3).

BOP DRILL: NONE.

OPERATED COM (3), WITNESSED (1).

FUEL REC'D:0 GALS DIESEL.

FUEL ON HAND: 3441 GAL, FUEL USED 1271: GALS.

MUD WT: 10.0 PPG, VIS: 37.

BG GAS: 120–140 U, PEAK GAS: 8281 U @ 7190', TRIP GAS: 2155 U.

FORMATION: KMV PRICE RIVER @ 7278'.

			UNMANNED I	LOGGING UNI	T - DAY = 0	١.					
10-06-20	008 Re	ported :	By Bl	ENNY BLACK	WELL						
DailyCos	sts: Drilling	\$	37,618	Con	npletion	\$0		Daily	<b>Total</b>	\$37,618	
Cum Cos	sts: Drilling	\$	514,892	Con	npletion	\$940		Well	Total	\$515,832	
MD	8,589	TVD	8,589	Progress	944	Days	5	MW	10.25	Visc	36.0
Formatio	on:		<b>PBTD</b> : 0	0.0		Perf:			PKR Dep	oth: 0.0	
Activity :	at Report Ti	me: DRI	LLING @ 8589'								
Start	End	Hrs	Activity Desc	cription							
06:00	12:00	6.0	DRILL F/ 7645 MOTOR, 51.83		OK WOB, 4	5-65 RPM @	TABLE, 19	900 PSI W/ 11	13  SPM = 401	GPM = 64 RP.	M F/
12:00	12:30	0.5	SERVICE RIG	– DAILY RIG S	SERVICE.						
12:30	06:00	17.5	DRILL F/ 7956 MOTOR, 37.23		0K WOB, 4	5-65 RPM @	TABLE, 19	900 PSI W/ 11	13 SPM = 401	GPM = 64 RP	M F/
· k			FULL CREW:	NO INCIDENTS	S.						
			SAFETY MEE	TINGS: WORK	ING IN BA	D WEATHER	. (3) .				
			BOP DRILL: N	IONE.							

BOP DRILL: NONE.

OPERATED COM (3), WITNESSED (1).

FUEL REC'D:0 GALS DIESEL.

FUEL ON HAND: 2169 GAL, FUEL USED 1272: GALS.

MUD WT: 10.0 PPG, VIS: 37.

BG GAS: 180-350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U.

FORMATION: KMV PRICE RIVER MIDDLE @ 8212'.

UNMANNED LOGGING UNIT - DAY 5.

10-07-20	008 R	eported 1	Ву В	ENNY BLACK	WELL						
DailyCost	ts: Drilling	\$	53,478	Con	npletion	\$0		Daily	Total	\$53,478	
Cum Cos	ts: Drilling	\$	566,008	Con	npletion	\$940		Well '	Total	\$566,948	
MD	9,200	TVD	9,200	Progress	611	Days	6	MW	10.1	Visc	39.0
Formatio	n:		PBTD:	0.0		Perf:			PKR Dep	oth: 0.0	
Activity a	it Report Ti	ime: DRL	.G @ 9200'								
Start	End	Hrs	Activity Des	cription							
06:00	06:30	0.5	PUMP PILL, I	OROP SURVEY.							

06:30	10:00	3.5 POH – NO PROBLEMS, L/D MOTOR & BIT.
10:00	13:00	3.0 P/U BIT & MOTOR, RIH – TIGHT @ 7500'.
13:00	14:00	1.0 P/U KELLY AND WORK TIGHT SPOT @ 7500'.
14:00	15:00	1.0 RIH – WASH @ 8071', AND WASH 60' TO BOTTOM.
15:00	06:00	15.0 DRILL F/ 8589' – 9200', 14–20K WOB, 45–65 RPM @ TABLE, 1900 PSI W/ 113 SPM = 394 GPM = 64 RPM F/ MOTOR, 35.94 FPH.

FULL CREW: NO INCIDENTS.

SAFETY MEETINGS: TRIPPING (3).

BOP DRILL: NONE.

OPERATED COM (5), WITNESSED (2).

FUEL REC'D:2800 GALS DIESEL.

FUEL ON HAND: 3964 GAL, FUEL USED 1005: GALS.

MUD WT: 10.2 PPG, VIS: 42.

BG GAS: 180–350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U.

FORMATION: KMV PRICE RIVER MIDDLE @ 8212'.

UNMANNED LOGGING UNIT - DAY 6.

10-08-2008	Re	eported By	В	ENNY BLACK	WELL						
DailyCosts: I	Orilling	\$51,	542	Con	pletion	\$0		Daily	Total	\$51,542	
Cum Costs: I	Drilling	\$617	,550	Con	pletion	\$940		Well 7	<b>Fotal</b>	\$618,490	
MD	9,520	TVD	9,520	Progress	193	Days	7	MW	10.2	Visc	43.0
Formation:			<b>PBTD</b> : 0	.0	,	Perf:			PKR Dep	oth: 0.0	

I OI III WELO			122210.0		
Activity a	t Report Ti	me: LD I	OP		
Start	End	Hrs	<b>Activity Description</b>		
06:00	12:00	6.0	DRILL F/ 9200' - 9327, 14 MOTOR, 21.16 FPH.	–20K WOB, 45–65 RPM @ TABLE, 19	00 PSI W/ 113 SPM = 394 GPM = 64 RPM F/
12:00	12:30	0.5	MIX & PUMP PILL.		
12:30	16:00	3.5	POH FOR BIT #4 - NO HO	OLE PROBLEMS, L/D BIT & MOTOR.	
16:00	19:30	3.5	P/U BIT #4 AND MUD MC	OTOR & RIH – WASH @ 9047' – 9076	
19:30	20:30	1.0	WASH 90' TO BOTTOM.		
20:30	00:30	4.0		4–20K WOB, 45–65 RPM @ TABLE, 1 CHED TD @ 00:30 HRS, 10/8/08.	900 PSI W/ 104 SPM = 363 GPM = 58 RPM F/
00:30	01:30	1.0	CIRC FOR SHORT TRIP.		
01:30	02:00	0.5	WIPER TRIP 5 STDS AND	BACK TO BOTTOM – NO PROBLEM	IS.
02:00	04:00	2.0	CIRC BEFORE L/D DRIL	L STRING, RIG UP L/D EQUIP. SPOT	300 BBLS OF 13.2 PPG MUD IN HOLE.
04:00	06:00	2.0	DROP SURVEY & L/D DR	RILL STRING.	
			FULL CREW: NO INCIDE	ENTS.	
			SAFETY MEETINGS: LAY	YING DOWN DRILL PIPE (2), TRIPPI	NG (1).
			BOP DRILL: NONE.		
			OPERATED COM (5), WIT	TNESSED (2).	
			FUEL REC'D:0 GALS DIE	ESEL.	
			FUEL ON HAND: 2992 GA	AL, FUEL USED: 9972 GALS.	
			MUD WT: 10.3 PPG, VIS:	42.	

BG GAS: 180–350 U, PEAK GAS: 6462 U @ 8215', TRIP GAS: N/A U.

FORMATION: SEGO @ 9323'.

UNMANNED LOGGING UNIT - DAY 7.

10-09-20	008 Re	ported l	By BE	NNY BLACK	WELL			-			
DailyCos	ts: Drilling	\$	104,204	Con	pletion	\$218,328		Dail	ly Total	\$322,532	
Cum Cos	ts: Drilling	\$	721,755	Con	pletion	\$219,268		Wel	l Total	\$941,023	
MD	9,520	TVD	9,520	Progress	0	Days	8	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep	oth: 0.0	
Activity a	ıt Report Tiı	me: RDR	T/WO COMPLE	TION							
Start	End	Hrs	Activity Descr	ription							
06:00	10:30	4.5	L/D DRILL PIP	E, BREAK KEI	LLY, L/D E	вна.					
10:30	11:00	0.5	PULL WEAR B	USHING.							
11:00	12:30	1.5	HSM – RIG UP	EQUIP TO RU	N 4 1/2" P	ROD CSG.					
12:30	19:30	7.0	RUN TOTAL 23 JT CSG 43.71, 1 6837.66, 57 JTS TAG W/ 42' IN, AND L/J 13.0'),	FLOAT COLLA S (2259.76') , I L/D TAG JT, I	AR (1.50) S MJ (21.07 P/U CASIN	ET W/ TOP @ 9 ) W/ TOP @ 455 \G HANGER – I	9457.46 , 6 56.83', 11	51 JTS (259° 2 JTS (4517	7.85) , 1 MJ (2 .83') , 1 PUP J	1.95) SET W/ T T (20.35'),P/U	OP @ FAG JT &
19:30	20:00	0.5	SPACE OUT AN	ND LAND CAS	ING.						
20:00	21:30	1.5	RIG UP CEMEN	NTING EQUIP.							
21:30	22:30	1.0	WAIT ON COM	PUTER & CAI	BLE FOR	SCHLUMBERG	ER.				
22:30	01:00	2.5	CEMENT 4 1/2	PRODUCTIO	N CASINO	AS FOLLOWS	: HSM, P	RESURE TI	EST LINES TO	5000 PSI	
			PUMP 20 BBL 0 770 SKS 35/65 50/50 POZ G C DISPLACE TO	+ ADD @ 12.5 EMENT + ADI	PPG , 2.2 MIXED	6 YELD , 12.885 @ 14.1 PPG , 1.:	GAL/SK 29 YEILD	FRESH WA , 5.979 GA	ATER (309.9 B)	BLS). TAIL 150	00 SKS OF
			LOST RETURN 08 HRS WITH 3	_						RFACE , BUMP	PLUG 01:
01:00	03:00	2.0	WAIT 1 HRS OF	N CEMENT, R	D CEMEN	IT HEAD, L/D L	ANDING	JT, INSTA	LL & TEST PA	ACKOFF TO 50	00 PSI –
03:00	05:00	2.0	N/D BOP'S & C	LEAN PITS.							
05:00	06:00	1.0	R/D & PREPAR	E TO MOVE R	IG FOR H	IGHWAY MOVI	3.				
			TRUCKING ST	ARTING TODA	AY. SOME	CAMP ALONG	WITH SU	JB AND DE	RRICK		
			FULL CREWS:	NO INCIDENT	ΓS.						
			SAFETY MEET	'INGS: RUN C	ASING (1)	, CEMENTING	W/ SCHL	UMBERGE	ZR (2).		
			BOP DRILL: NO	ONE.							
			OPERATED CO	M (2), WITNE	SSED (1).						
			FUEL REC'D: (	GALS DIESE	L.						
			FUEL ON HAN	D: 2393 GAL,	FUEL USE	ED: 599 GALS.					
			MUD WT: PPG	, VIS: .							
			BG GAS: U, PE	EAK GAS: U @	)', TRIP (	AS: U.					
			FORMATION:	ΓD @ 9520'.							
			MANNED LOG	GING UNIT -	DAY 8.						

ITEMS TRANSFERED FROM ECW 68-04 TO WING SPRING 02-14:

260.04' (6 JTS) 4 1/2", 11.6#, N-80, LTC, CSG.

88.85' (5 PUPS) 4 1/2", 11.6#, P-110, LTC, PUP JTS.

FUEL 2393 GALS. @ \$3.67 PER GAL.

RIG MOVE FROM ECW 68-04 TO WING SPRING 02-14 - 164 MILES.

06:00

RELEASE RIG @ 05:00 HRS, 10/9/08. CASING POINT COST \$693,159

10-14-2008	Reported	By S	EARLE							
DailyCosts: Dril	ling	\$0	Con	apletion	\$25,500		Daily	Total	\$25,500	
Cum Costs: Dril	ling	\$721,755	Con	npletion	\$244,768		Well	Total	\$966,523	
<b>MD</b> 9,5	20 <b>TVD</b>	9,520	Progress	0	Days	9	MW	0.0	Visc	0.0
Formation :		PBTD:	9457.0		Perf:			PKR De <sub>l</sub>	pth: 0.0	
Activity at Repo	rt Time: LO	)G								
Start End 06:00	Hrs	Activity Desc MIRU SCHLU SCHLUMBER	MBERGER, UN	IABLE TO	LOG DUE TO C	SAS MIG	RATING UP	4.5" CASING	G. PREP TO SET	Γ CIBP. RI
10-16-2008	Reported	By S	EARLE							
DailyCosts: Dril	ling	\$0	Con	npletion	\$4,500		Daily	<b>Total</b>	\$4,500	
Cum Costs: Dril	ling	\$721,755	Con	apletion	\$249,268		Well	Total	\$971,023	
<b>MD</b> 9,5	20 <b>TVD</b>	9,520	Progress	0	Days	10	MW	0.0	Visc	0.0
Formation :		PBTD:	9457.0		Perf:			PKR Dep	pth: 0.0	
Activity at Repo	rt Time: SE	T CIBP								
Start End 06:00	Hrs	Activity Desc MIRU CUTTE	•	SET CIBP	@ 9435'. RDWI	L. LET G	AS MIGRAT	E OUT OF C	ASING.	
10-17-2008	Reported	l By S	EARLE							
DailyCosts: Dril	ling	\$0	Con	pletion	\$19,279		Daily	<b>Total</b>	\$19,279	
Cum Costs: Dril	ling	\$721,755	Con	pletion	\$268,547		Well	Total	\$990,302	
<b>MD</b> 9,5	20 <b>TVD</b>	9,520	Progress	0	Days	11	MW	0.0	Visc	0.0
Formation :		PBTD:	9457.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at Repo	rt Time: PR	EP FOR FRACS								
<b>Start End</b> 06:00 06:	Hrs 00 24.	Activity Desc 0 MIRU SCHLU 80'. RD SCHL	MBERGER. LO	G WITH R	ST/CBL/CCL/V	DL/GR F	ROM PBTD	TO 80'. EST	CEMENT TOP	ABOVE
10-31-2008	Reported	I By	ICCURDY							
DailyCosts: Dril	ling	\$0	Con	pletion	\$1,218		Daily	<b>Total</b>	\$1,218	
Cum Costs: Dril	ling	\$721,755	Con	pletion	\$269,765		Well	Total	\$991,520	
<b>MD</b> 9,5	20 <b>TVD</b>	9,520	Progress	0	Days	13	MW	0.0	Visc	0.0
								*****		
Formation : MES	SAVERDE	<b>PBTD</b> : 9	9457.0		Perf: 8200'-	9205'		PKR Dej	oth: 0.0	
Formation : MES Activity at Repo			9457.0		Perf: 8200'	9205'		PKR Dej	oth: 0.0	

06:00

06:00

24.0 RU LONE WOLF WIRELINE & PERFORATE LPR FROM 8926'-27', 8953'-54', 8962'-63', 8981'-82', 8991'-92', 9004'-05', 9026'-27', 9088'-89', 9129'-30'. 9142'-43', 9203'-05'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 0 GAL WF116 PAD, 2081 GAL YF116ST+ PAD, 39230 GAL YF116ST+ WITH 128900# 20/40 SAND @ 1-5 PPG. MTP 6294 PSIG. MTR 51.3 BPM. ATP 4910 PSIG. ATR 47.4 BPM, ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8905'. PERFORATE MPR/LPR FROM 8706'-07', 8729'-30', 8751'-52', 8788'-89', 8802'-03', 8813'-15', 8822'-24', 8870'-71', 8882'-83', 8890'-91'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4177 GAL YF116ST+ PAD, 34047 GAL YF116ST+ WITH 87600# 20/40 SAND @ 1-4 PPG. MTP 6461 PSIG. MTR 50 BPM. ATP 5812 PSIG. ATR 43 BPM. ISIP 4000 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8652'. PERFORATE MPR FROM 8510'-12', 8517'-18', 8526'-27', 8550'-51', 8567'-68', 8573'-74', 8595'-96', 8600'-01', 8612'-13', 8627'-28', 8631'-32'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4165 GAL YF116ST+ PAD, 36957 GAL YF116ST+ WITH 100700# 20/40 SAND @ 1-4 PPG. MTP 6578 PSIG. MTR 50.1 BPM. ATP 5317 PSIG. ATR 46 BPM. ISIP 4700 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8492'. PERFORATE MPR FROM 8354'-55', 8361'-62', 8368'-69', 8400'-01', 8405'-06', 8412'-13', 8425'-26', 8437'-38', 8447'-48', 8459'-60', 8474'-76'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 4165 GAL YF116ST+ PAD, 35000 GAL YF116ST+ WITH 93500# 20/40 SAND @ 1-4 PPG. MTP 6382 PSIG. MTR 50 BPM. ATP 4798 PSIG. ATR 44 BPM. ISIP 2250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K CFP AT 8320'. PERFORATE MPR FROM 8200'-01', 8209'-10', 8220'-21', 8225'-26', 8235'-26', 8248'-49', 8252'-53', 8265'-66', 8275'-76', 8280'-81', 8292'-93', 8303'-04' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2068 GAL YF116ST+ PAD, 45598 GAL YF116ST+ WITH 154700# 20/40 SAND @ 1-4 PPG. MTP 6476 PSIG. MTR 50 BPM. ATP 4577 PSIG. ATR 47.8 BPM. ISIP 2900 PSIG. RD SCHLUMBERGER. SDFN.

11-01-2008	Re	eported By	M	CCURDY							
DailyCosts: D	rilling	\$0		Con	pletion	\$32,477		Daily	Total	\$32,477	
Cum Costs: D	rilling	\$721	1,755	Con	apletion	\$302,242		Well	<b>Fotal</b>	\$1,023,997	
MD	9,520	TVD	9,520	Progress	0	Days	14	MW	0.0	Visc	0.0
Formation : N	<b>MESAVE</b>	RDE	<b>PBTD</b> : 9	457.0		Perf: 5642'-	9205'		PKR De	oth: 0.0	

Activity at Report Time: FRAC STAGES 12 & 13

Start	End	Hrs	<b>Activity Description</b>	ı

06:00 06:00

24.0 INTIAL 1700 PSIG. RUWL SET 10K CFP AT 8170'. PERFORATE MPR FROM (8036'-37' MISFIRED), 8040'-41', 8049'-50', 8061'-62', 8087'-88', 8094'-95', 8105'-06', 8116'-17', 8125'-26', 8135'-36', 8142'-43', 8148'-49'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2076 GAL YF116ST+ PAD, 49811 GAL YF116ST+ WITH 155550 # 20/40 SAND @ 1-5 PPG. MTP 6507 PSIG. MTR 51.5 BPM. ATP 5139 PSIG. ATR 47.4 BPM. ISIP 2750 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8010'. PERFORATE UPR FROM 7726'-27', 7755'-56', 7842'-43', 7848'-49', 7867'-68', 7878'-79', 7885'-86', 7950'-51', 7964'-66', 7975'-76', 7991'-92', @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2071 GAL YF116ST+ PAD, 40105 GAL YF116ST+ WITH 131200 # 20/40 SAND @ 1–4 PPG. MTP 6593 PSIG. MTR 50.7 BPM. ATP 5002 PSIG. ATR 47.2 BPM. ISIP 3100 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7580'. PERFORATE UPR FROM 7282'-83', 7306'-07', 7324'-25', 7349'-50', 7370'-71', 7380'-81', 7447'-48', 7463'-64', 7492'-93', 7507'-08', 7525'-26', 7556'-57'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2069 GAL YF116ST+ PAD, 36701 GAL YF116ST+ WITH 117700 # 20/40 SAND @ 1-4 PPG. MTP 6595 PSIG. MTR 50.6 BPM. ATP 4938 PSIG. ATR 46.9 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7250'. PERFORATE NORTH HORN FROM 7010'-11', 7035'-36', 7080'-82', 7127'-28', 7153'-54', 7163'-64', 7178'-79', 7185'-86', 7192'-93', 7227'-29'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 2065 GAL YF116ST+ PAD, 45870 GAL YF116ST+ WITH 139800 # 20/40 SAND @ 1–5 PPG. MTP 5992 PSIG. MTR 50.7 BPM. ATP 4314 PSIG. ATR 48.2 BPM. ISIP 2800 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 6920'. PERFORATE Ba FROM 6563'-64', 6597'-98', 6614'-15', 6635'-36', 6696'-99', 6745'-46', 6793'-94', 6828'-29', 6873'-74', 6901'-02'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2068 GAL YF116ST+ PAD, 30873 GAL YF116ST+ WITH 95700 # 20/40 SAND @ 1-4 PPG. MTP 6092 PSIG. MTR 50.6 BPM. ATP 4227 PSIG. ATR 48.3 BPM. ISIP 2550 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 6495'. PERFORATE Ba FROM 6169'-70', 6181'-82', 6191'-92', 6199'-200', 6213'-14', 6274'-75', 6285'-86', 6310'-11', 6345'-46', 6375'-76', 6404'-05', 6469'-70'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2069 GAL YF116ST+ PAD, 30456 GAL YF116ST+ WITH 92200 # 20/40 SAND @ 1-4 PPG. MTP 6006 PSIG. MTR 50.7 BPM. ATP 3779 PSIG. ATR 46 BPM. ISIP 1650 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 5950'. PERFORATE Ca FROM 5642'-44', 5652'-54', 5661'-62', 5729'-30', 5801'-02', 5836'-37', 5842'-43', 5862'-63', 5882'-83', 5917'-18'@, 3 SPF @ 120° PHASING. RDWL. SWIFN.

11-02-2008	Re	eported By	, Me	CCURDY							
DailyCosts: Dr	rilling	\$0		Com	pletion	\$477,358		Daily	Total	\$477,358	
Cum Costs: Di	rilling	\$72	1,755	Con	pletion	\$779,601		Well	<b>Fotal</b>	\$1,501,356	
MD 9	9,520	TVD	9,520	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation : M	ESAVE	RDE	<b>PBTD</b> : 9-	457.0		Perf: 5400'-	9205'		PKR Dep	oth: 0.0	

Activity at Report Time: MIRUSU CLEAN OUT SAND AND DRILL OUT FRAC PLUGS

Start	End	Hrs	Activity	Description
			-	_

06:00 06:00

24.0 INTIAL 1120 PSIG. RUWL SET 10K CFP AT 5950'. PERFORATE Ca FROM 5642'-44', 5652'-54', 5661'-62', 5729'-30', 5801'-02', 5836'-37', 5842'-43', 5862'-63', 5882'-83', 5917'-18'@ 3 SPF @ 120° PHASING. RDWL. SWIFN. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2066 GAL YF116ST+ PAD, 30085 GAL YF116ST+ WITH 110000 # 20/40 SAND @ 1-4 PPG. MTP 4414 PSIG. MTR 50.7 BPM. ATP 3528 PSIG. ATR 47.3 BPM. ISIP 2100 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 5470'. PERFORATE Pp FROM 5400'-02', 5407'-09', 5416'-18', 5420'-22', 5426'-28', 5443'-45'@ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 2069 GAL YF116ST+ PAD, 34824 GAL YF116ST+ WITH 111200 # 20/40 SAND @ 1-4 PPG. MTP 4929 PSIG. MTR 50.7 BPM. ATP 3730 PSIG. ATR 47.7 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CBP AT 5309'. BLEED WELL TO 0 PSIG. RDMO LONE WOLF WIRELINE. SWIFN.

11-04-200	08 R	eported B	y H	AL IVIE							
DailyCost:	s: Drilling	\$0	ı	(	Completion	\$41,839		Daily To	tal	\$41,839	
Cum Cost	s: Drilling	\$7	21,755	(	Completion	\$821,440		Well Tot	al	\$1,543,195	
MD	9,520	TVD	9,520	Progress	, 0	Days	16	MW	0.0	Visc	0.0
Formation	n: MESAVE	ERDE	<b>PBTD</b> : 9	457.0		Perf: 5400'-	9205'	I	PKR Dej	oth: 0.0	
Activity at	t Report Ti	ime: CLEA	AN OUT AFTE	R FRAC							
Start	End	Hrs	Activity Desc	ription							
06:00	16:00	2000	MIRU ROYAL PLUGS, SDFN	1110 11 11 1-	FRAC TREE.	NU BOP. RIH	W/ BIT &	& PUMP OFF SU	B TO 530	9'. RU TO DRI	LL OUT
*****			I LOOD, BDI'N	•							
11-05-200	08 R	eported B		AL IVIE							

Completion

\$891,790

Well Total

\$1,613,545

\$721,755

**Cum Costs: Drilling** 

MD					pietion	\$691,790		weii			
	9,520	TVD	9,520	Progress	0	Days	17	MW	0.0	Visc	0.0
ormatio	n: MESAVE	RDE	<b>PBTD</b> : 94	457.0		Perf: 5400'-	-9205'		PKR Dep	oth: 0.0	
ctivity a	t Report Ti	me: FLOW 7	TEST								
start	End	Hrs Ac	ctivity Desc	ription							
06:00	06:00	81	70', 8320', 84	LEANED OUT 192', 8652', 890 1PED OFF BIT	5'. RIH. C	LEANED OUT					
			OWED 14 H WTR.	RS. 24/64" CHC	KE. FTP	100 PSIG, CP 1	250 PSIG	. 74 BFPH. R	ECOVERED	1036 BLW. 133	325
		TU	JBING DETA	IL LENGTH							
		PU	MP OFF SU	B 1.00'							
		1 J	T 2-3/8 4.7#	N-80 TBG 31	.70'						
		XN	NIPPLE	1.10'							
		210	0 JTS 2-3/8 4	1.7# N-80 TBG	6914.71'						
		BE	ELOW KB	13.00'							
		LA	NDED @	6961.51'KB							
1-06-20	08 R	eported By	HA	AL IVIE							
DailyCost	ts: Drilling	\$0		Com	pletion	\$3,565		Daily	Total	\$3,565	
Cum Cost	ts: Drilling	\$721	,755	Com	pletion	\$895,355		Well	Total	\$1,617,110	
					Picuon	,					
/ID	9,520	TVD	9,520	Progress	0	Days	18	MW	0.0	Visc	0.0
	9,520 <b>n :</b> MESAVE		9,520 <b>PBTD :</b> 94	Progress	•						0.0
Formatio		RDE	<b>PBTD</b> : 94	Progress	•	Days			0.0		0.0
Formation Activity a	n: MESAVE	RDE me: FLOW 1	PBTD: 94	Progress 457.0	•	Days			0.0		0.0
Formation Activity a	n : MESAVE t Report Ti	RDE me: FLOW T Hrs Ac 24.0 FL	PBTD: 94 TEST ctivity Desc	Progress 457.0	0	<b>Days Perf</b> : 5400'-	-9205'	MW	0.0 PKR Dep	oth: 0.0	
Formation Activity a Start 06:00	n: MESAVE t Report Ti End 06:00	RDE me: FLOW T Hrs Ac 24.0 FL	PBTD: 94 FEST Ctivity Desc OWED 24 H WTR.	Progress 457.0 ription	0	<b>Days Perf</b> : 5400'-	-9205'	MW	0.0 PKR Dep	oth: 0.0	
Activity a Start 06:00	n: MESAVE t Report Ti End 06:00	RDE me: FLOW 1 Hrs Ac 24.0 FL BL	PBTD: 94 FEST Ctivity Desc OWED 24 H WTR.	Progress 457.0  ription RS. 24/64" CHC	0	<b>Days Perf</b> : 5400'-	-9205'	<b>MW</b> . 58 BFPH. R	0.0 PKR Dep	oth: 0.0	
Activity a Start 06:00 1-07-20 Daily Cost	n : MESAVE t Report Ti End 06:00	RDE me: FLOW 1 Hrs Ac 24.0 FL BL eported By	PBTD: 94 TEST Citivity Desc OWED 24 H .WTR.	Progress 457.0  ription RS. 24/64" CHC	0 KE. FTP	Days Perf: 5400'-	-9205'	<b>MW</b> . 58 BFPH. R	0.0  PKR Dep  ECOVERED  Total	oth: 0.0	0.0
Cormation Activity a Start 06:00 1-07-20 Daily Cost	n: MESAVE t Report Ti End 06:00 08 Ro	me: FLOW 1 Hrs Ac 24.0 FL BL eported By \$0	PBTD: 94 TEST Citivity Desc OWED 24 H .WTR.	Progress 457.0  ription RS. 24/64" CHC AL IVIE  Com	0 OKE. FTP 1	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120	-9205'	MW . 58 BFPH. R Daily	0.0  PKR Dep  ECOVERED  Total	oth: 0.0 1402 BLW. 109 \$4,765	923
Cormation Activity a Start 06:00 1-07-20 DailyCost Cum Cost	n: MESAVE t Report Ti End 06:00  08 Ro is: Drilling 9,520	me: FLOW T  Hrs Ac  24.0 FL  BL  eported By  \$0  \$721	PBTD: 94 TEST  ctivity Desc OWED 24 H .WTR.  Hz 7555 9,520	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com  Com  Progress	0 KE. FTP : pletion pletion	Days Perf: 5400'- 050 PSIG. CP: \$4,765 \$900,120 Days	-9205' .100 PSIG	MW . 58 BFPH. R Daily Well	0.0 PKR Dep ECOVERED  Total  0.0	94,765 \$1,621,875 Visc	923
Formation Activity a Start 06:00  1-07-20 DailyCost Cum Cost MD	n: MESAVE t Report Ti End 06:00  08 Ro ts: Drilling	me: FLOW 1 Hrs Ac 24.0 FL BL eported By \$0 \$721 TVD	PBTD: 94 FEST Ctivity Desc OWED 24 H WTR. H 4,755 9,520 PBTD: 94	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com  Com  Progress	0 KE. FTP : pletion pletion	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120	-9205' .100 PSIG	MW . 58 BFPH. R Daily Well	0.0  PKR Dep  ECOVERED  Total	94,765 \$1,621,875 Visc	923
Formation Activity a Start 06:00  11-07-20 DailyCost Cum Cost MD Formation Activity a	n: MESAVE t Report Ti End 06:00  108 Ro ts: Drilling 9,520 n: MESAVE	me: FLOW T  Hrs Ac 24.0 FL BL  eported By \$0 \$721  TVD  RDE  me: FLOW T	PBTD: 94 FEST Ctivity Desc OWED 24 H WTR. H 4,755 9,520 PBTD: 94	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com  Com  Progress 457.0	0 KE. FTP : pletion pletion	Days Perf: 5400'- 050 PSIG. CP: \$4,765 \$900,120 Days	-9205' .100 PSIG	MW . 58 BFPH. R Daily Well	0.0 PKR Dep ECOVERED  Total  0.0	94,765 \$1,621,875 Visc	
Formation Activity a Start 06:00 1-07-20 DailyCost Cum Cost MD Formation Activity a	n: MESAVE t Report Ti  End  06:00  08 Ro is: Drilling  9,520 n: MESAVE	me: FLOW T  Hrs Ac 24.0 FL BL  eported By \$0 \$721  TVD  RDE me: FLOW T  Hrs Ac 24.0 FL	PBTD: 94 FEST Ctivity Desc OWED 24 H WTR. H 4,755 9,520 PBTD: 94 FEST Ctivity Desc	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com  Com  Progress 457.0	0 KE. FTP : pletion pletion 0	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120 Days Perf: 5400'-	-9205' .100 PSIG .19 .9205'	MW . 58 BFPH. R Daily Well MW	0.0  PKR Dep  ECOVERED  Total  0.0  PKR Dep	\$4,765 \$1,621,875 <b>Visc</b>	0.0
Formation Activity a Start 06:00  11-07-20  Daily Cost Cum Cost MD  Formation Activity a Start 06:00	n: MESAVE t Report Ti End 06:00  08 Ro ts: Drilling 9,520 n: MESAVE t Report Ti End 06:00	me: FLOW T  Hrs Ac 24.0 FL BL  eported By \$0 \$721  TVD  RDE me: FLOW T  Hrs Ac 24.0 FL	PBTD: 94 FEST Citivity Desc OWED 24 H WTR. H  47,755 9,520 PBTD: 94 FEST Citivity Desc OWED 23 H WTR.	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com  Progress 457.0	0 KE. FTP : pletion pletion 0	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120 Days Perf: 5400'-	-9205' .100 PSIG .19 .9205'	MW . 58 BFPH. R Daily Well MW	0.0  PKR Dep  ECOVERED  Total  0.0  PKR Dep	\$4,765 \$1,621,875 <b>Visc</b>	0.6
Formation Activity a Start 06:00  11-07-20 DailyCost Cum Cost MD Formation Activity a Start 06:00	n: MESAVE t Report Ti End 06:00  08 Ro ts: Drilling 9,520 n: MESAVE t Report Ti End 06:00	Hrs Ac 24.0 FL BL eported By \$0 \$721  TVD  RDE me: FLOW 1  Hrs Ac 24.0 FL BL	PBTD: 94 FEST Citivity Desc OWED 24 H WTR. H  47,755 9,520 PBTD: 94 FEST Citivity Desc OWED 23 H WTR.	Progress 457.0  ription RS. 24/64" CHC  Com  Com  Progress 457.0  ription RS. 24/64" CHC	0 KE. FTP : pletion pletion 0	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120 Days Perf: 5400'-	-9205' .100 PSIG .19 .9205'	MW . 58 BFPH. R Daily Well MW	0.0  PKR Dep  ECOVERED  Total  0.0  PKR Dep	\$4,765 \$1,621,875 <b>Visc</b>	0.6
Activity a Start  06:00  11-07-20  Daily Cost  Cum Cost  MD  Formation  Activity a  Start  06:00  11-08-20  Daily Cost	n: MESAVE t Report Ti  End 06:00  08 Ro is: Drilling 9,520 n: MESAVE t Report Ti  End 06:00	Hrs Ac 24.0 FL BL eported By \$0 \$721  TVD  RDE me: FLOW T  Hrs Ac 24.0 FL BL eported By	PBTD: 94 FEST Citivity Desc OWED 24 H WTR. H  47,755 9,520 PBTD: 94 FEST Citivity Desc OWED 23 H WTR. H  H  H  H  H  H  H  H  H  H  H  H  H	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com Progress 457.0  ription RS. 24/64" CHC	pletion 0  KE. FTP	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120 Days Perf: 5400'-	-9205' .100 PSIG .19 .9205'	MW . 58 BFPH. R Daily Well MW	0.0 PKR Dep  ECOVERED  Total 0.0 PKR Dep  ECOVERED	\$4,765 \$1,621,875 <b>Visc</b> oth: 0.0	0.6
Formation Activity a Start 06:00  11-07-20 DailyCost MD Formation Activity a Start 06:00  11-08-20 DailyCost	n: MESAVE t Report Ti End 06:00  08 Ro ts: Drilling 9,520 n: MESAVE t Report Ti End 06:00  08 Ro ts: Drilling	Hrs Ac 24.0 FL BL eported By \$0 \$721  TVD  RDE me: FLOW 1  Hrs Ac 24.0 FL BL eported By \$0	PBTD: 94 FEST Citivity Desc OWED 24 H WTR. H  47,755 9,520 PBTD: 94 FEST Citivity Desc OWED 23 H WTR. H  H  H  H  H  H  H  H  H  H  H  H  H	Progress 457.0  ription RS. 24/64" CHC  AL IVIE  Com Progress 457.0  ription RS. 24/64" CHC	pletion 0  KE. FTP	Days Perf: 5400'- 050 PSIG. CP 3 \$4,765 \$900,120 Days Perf: 5400'- 050 PSIG. CP 3	-9205' .100 PSIG .19 .9205'	MW . 58 BFPH. R Daily Well MW . 48 BFPH. R	0.0 PKR Dep  ECOVERED  Total 0.0 PKR Dep  ECOVERED	\$4,765 \$1,621,875 <b>Visc</b> oth: 0.0	0.6

Activity at Report Time: FLOW TEST

Start End Hrs **Activity Description** 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 1050 PSIG. CP 1125 PSIG. 41 BFPH. RECOVERED 983 BLW. 9835 BLWTR. 06:00 11-09-2008 Reported By HAL IVIE \$2,965 **Daily Total** \$2,965 DailyCosts: Drilling Completion **Cum Costs: Drilling** \$721,755 \$906,050 Well Total \$1,627,805 Completion 9,520 TVD 0 0.0 0.0 MD 9,520 **Progress** Days 21 MWVisc **Formation:** MESAVERDE **PBTD:** 9457.0 Perf: 5400'-9205' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 1000 PSIG. CP 1400 PSIG. 37 BFPH. RECOVERED 897 BLW. 8935 BLWTR. 06:00 06:00 11-10-2008 Reported By HAL IVIE \$2,965 DailyCosts: Drilling \$0 \$2,965 **Daily Total** Completion **Cum Costs: Drilling** \$721,755 Completion \$909,015 Well Total \$1,630,770 9,520 TVD 22 0.0 0.0 MD 9,520 **Progress** Days MWVisc Formation: MESAVERDE **PBTD:** 9457.0 Perf: 5400'-9205' PKR Depth: 0.0 Activity at Report Time: FLOW TEST Start End Hrs **Activity Description** 06:00 06:00 24.0 FLOWED 24 HRS, 24/64" CHOKE, FTP 1000 PSIG. CP 1700 PSIG. 34 BFPH. RECOVERED 809 BLW. 8126 BLWTR. 11-11-2008 HAL IVIE Reported By DailyCosts: Drilling \$0 Completion \$2,965 **Daily Total** \$2,965 \$721,755 \$911,980 \$1,633,735 **Cum Costs: Drilling** Completion **Well Total** MD 9,520 TVD 9,520 **Progress** 0 Days 23 MW0.0 Visc 0.0 PKR Depth: 0.0 **Formation:** MESAVERDE **PBTD:** 9457.0 Perf: 5400'-9205' Activity at Report Time: FLOW TEST Hrs **Activity Description** Start End 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 950 PSIG. CP 1700 PSIG. 28 BFPH. RECOVERED 684 BLW. 7442 BLWTR. 06:00 11-12-2008 Reported By HAL IVIE

11-12-200	8 K	eportea By	H	ALIVIE							
DailyCosts	: Drilling	\$0			Completion	\$2,965		Daily	Total	\$2,965	
Cum Costs	: Drilling	\$721,75	55		Completion	\$914,945		Well	<b>Total</b>	\$1,636,700	
MD	9,520	TVD	9,520	Progres	<b>ss</b> 0	Days	24	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE l	<b>PBTD</b> : 9	457.0		Perf: 5400'-	9205'		PKR Dep	oth: 0.0	
Activity at	Report Ti	me: FLOW TE	ST TO SA	LES							
Start	End	Hrs Acti	vity Desc	ription							
06:00	06:00	24.0 FLO	WED 24 H	RS. 24/64"	CHOKE. FTP 9	00 PSIG. CP 16	50 PSIG.	23 BFPH. RE	COVERED 5	40 BLW. 6902	BLWTR.
11-13-200	8 Re	eported By	H	AL IVIE							
DailyCosts	: Drilling	\$0			Completion	\$2,765		Daily	Total	\$2,765	
Cum Costs	: Drilling	\$721,75	55		Completion	\$917,710		Well '	Total	\$1,639,465	
MD	9,520	TVD	9,520	Progres	os 0	Days	25	MW	0.0	Visc	0.0

**Formation:** MESAVERDE

**PBTD**: 0.0

Perf: 5400-9205

PKR Depth: 0.0

Activity at Report Time: FLOW TEST

Start End Hrs **Activity Description** 

06:00 06:00 24.0 FLOWED 24 HRS THRU TEST UNIT. 24/64" CHOKE. FTP 850 PSIG. CP 1600 PSIG. 21 BFPH. RECOVERED 499

BLW. 6403 BLWTR.

11-14-2008

HAL IVIE

DailyCosts: Drilling

\$0

Completion

0

\$2,165

**Daily Total** 

\$2,165

**Cum Costs: Drilling** 

\$721,755

\$919,875 Completion

Well Total 26 MW

\$1,641,630

9,520 MD

TVD

Reported By

9,520 **Progress**  Days

0.0

0.0 Visc

Formation: MESAVERDE

**PBTD**: 0.0

Perf: 5400-9205

PKR Depth: 0.0

Activity at Report Time: WO FACILITIES

Start 06:00 End

Hrs **Activity Description** 

06:00

24.0 FLOWED 7 HRS THRU BRECO, 24/64" CHOKE, FTP 840 PSIG. CP 1580 PSIG. 17 BFPH. RECOVERED 117 BLW.

6286 BLWTR. SI. WO FACILITIES.

FINAL COMPLETION DATE: 11/13/08

11-19-2008 Reported By

\$0

RITA THOMAS

**Progress** 

Completion

0

\$167,518

**Daily Total** Well Total

\$167,518

**Cum Costs: Drilling** 

MD

DailyCosts: Drilling

TVD 9,520

\$721,755

9,520

Completion

\$1,087,393 Days

27 MW

\$1,809,148 0.0 Visc

0.0

Formation: MESAVERDE

**PBTD**: 0.0

Perf: 5400-9205

PKR Depth: 0.0

Activity at Report Time: FACILTIY COST

Start

End

Hrs **Activity Description** 

06:00 12-18-2008 06:00

24.0 FACILITY COST \$167,518

DailyCosts: Drilling

\$0

\$721,755

Reported By

DUANE COOK

\$0

**Daily Total** 

\$0

**Cum Costs: Drilling** 

Activity at Report Time: INITIAL PRODUCTION

Completion 0

Completion

\$1,087,393

Perf: 5400-9205

Well Total

\$1,809,148

MD

9,520 TVD 9,520 **Progress**  Days

28 MW

0.0 Visc PKR Depth: 0.0

0.0

Formation: MESAVERDE

**PBTD**: 0.0

Start End

**Activity Description** 

06:00 06:00

24.0 INITIAL PRODUCTION: TURNED TO GAS SALES. SITP 1050 & SICP 2400 PSIG. TURNED WELL TO QUESTAR SALES AT 10:00 AM, 12/17/08. FLOWING 260 MCFD RATE ON 12/64" POS CK. STATIC 435. QGM METER #7988. Form 3160-4 (August 2007)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

			BUREA	U OF LAN	ID MANA	GEMEN'	Т				ļ	Expi	res: July	y 31, 2010
	WELL	COMPL	ETION (	OR REC	OMPLET	ION RE	PORT	AND LO	G			ease Serial I JTU01304	No.	
1a. Type o	f Well	Oil Well	<b>⊠</b> Gas	Well $\square$	Dry 🗖	Other					6. If	Indian, Alle	ottee o	r Tribe Name
• •	of Completion	_	ew Well	☐ Work C		Deepen	☐ Plu	Back [	Diff. R	esvr.				
	or Compiesion	Othe						, Duck	, Dill. 1.		7. U	nit or CA A	greem	ent Name and No.
2. Name o EOG F	f Operator RESOURCE	S, INC.	E	-Mail: mar		MARY A. @eogreso			_			ease Name a AST CHA		
3. Address	600 17TH DENVER			00N			Phone No 303-82	o. (include ar 4-5526	ea code)		9. A	PI Well No.		43-047-39279
	n of Well (Re	•	•			•		)*			10. I	rield and Po IATURAL E	ol, or i	Exploratory ES
At ton	ace Lot 4 or prod interval			0.06912 N I	-			00 3308E W	/ Lon		11. S	Sec., T., R., r Area Sec	M., or 2 4 T9	Block and Survey S R23E Mer SLB
	-	•		. 40.06912			,	09.00900 VV	LOII			County or Pa	arish	13. State UT
14. Date S 08/26/2	pudded		15. D	ate T.D. Rea 0/08/2008			16. Date	Completed A Re 7/2008	ady to P	od.	17. I	Elevations (1 492	DF, KI	B, RT, GL)*
18. Total I	Depth:	MD TVD	9520	19	. Plug Back	T.D.:	MD TVD	9457	-	20. Der	th Bri	dge Plug Se		MD TVD
21 Type F RST/C	Electric & Otl BL/CCL/VD	ner Mechar L/GR	ical Logs R	un (Submit	copy of eac	h)		22	Was I	vell corec OST run? ional Su	i? rvey?	🔯 No 🛚 i	☐ Yes	s (Submit analysis) s (Submit analysis) s (Submit analysis)
23. Casing a	nd Liner Rec	ord (Repo	rt all strings	set in well)						<del></del>				
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)	Bottom (MD)		Cementer epth	No. of S Type of C		Slurry (BB		Cement T	op*	Amount Pulled
12.250	9.	625 J-55	36.0		0 24	69			785				0	
7.875		00 N-80	11.6		0 95	04			2270				80	
									_					
		I										_		
24. Tubing	Record													
Size	Depth Set (N	4D) Pa	cker Depth	(MD) S	Size De	pth Set (M	(D) P	acker Depth	(MD)	Size	De	pth Set (MI	))	Packer Depth (MD)
2.375		6962												
25. Produci	ng Intervals				12	6. Perfora	tion Reco	ord						
F	ormation		Top	В	ottom	Pe	erforated	Interval		Size	N	lo. Holes		Perf. Status
AWASATO	CH/MESAVE	RDE		5400	9205			8926 TO 9	9205			3		
В)								8706 TO 8	3891		_	3		
C)								8510 TO 8	3632			3		
D)								8354 TO 8	3476			3		
27. Acid, Fi	racture, Treat	ment, Cen	ent Squeeze	e, Etc.										
	Depth Interv							nount and T	pe of M	aterial				
	89	26 TO 92	05 41,476	GALS GELLI	ED WATER	& 128,900#	# 20/40 S	AND						· · · · · · · · · · · · · · · · · · ·
				GALS GELLI										
				GALS GELLI										
	83	54 TO 84	76 39,330	GALS GELLI	ED WATER	& 93,500#	20/40 SA	ND						
28. Product	ion - Interval	A												
Date First Produced 12/17/2008	Test Date 12/23/2008	Hours Tested 24	Test Production	Oil BBL 40.0	Gas MCF 527.0	Water BBL 190.0	Oil Gr Corr. A		Gas Gravity		Productí	on Method	'S FRC	DM WELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:O	il	Well Sta	itus	-	- 12011		71111122
Size	Flwg. 1400	Press.	Rate	BBL	MCF	BBL	Ratio							
12/64"	SI	2200.0		40	527	190			P	3W				
	tion - Interva		т		T	T			T					
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr. /		Gas Gravity	ļ	Producti	on Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas;O Ratio	il	Well Sta	itus				OFWED.

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #66389 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

20h Duo	dustina Tatan	ral C					·					
Date First	duction - Interv	Hours	Test	Oil	Gas	Water	Oil Gravity	IG	as	Production Method	<del></del>	
Produced	Date	Tested	Production	BBL	MCF	BBL	Corr. API		ravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	W	Vell Status			
28c. Proc	luction - Interv	al D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		as Travity	Production Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas;Oil Ratio	W	Vell Status	<u> </u>		
29. Dispo	osition of Gas(2 D	Sold, used j	for fuel, ven	ted, etc.)	L					<del></del>		
30. Sumr	nary of Porous	Zones (Inc	lude Aquife	ers):	_				31. For	mation (Log) Ma	rkers	
tests,	all important including dept ecoveries.	zones of po h interval t	orosity and c ested, cushi	ontents there on used, time	eof: Corec e tool ope	d intervals and al n, flowing and sh	l drill-stem nut-in pressure	es	ļ		_	
	Formation		Тор	Bottom		Descriptions	, Contents, etc	c.	ŀ	Name		Top Meas. Depth
32. Addit	ional remarks se see the attanation.	(include plu	5400	9205 edure): ed perforat	ion and a	additional forma	ation marker		BIR MA UTI WA CH BU	EEN RIVER IDS NEST HOGANY ELAND BUTTE SATCH APITA WELLS CK CANYON ICE RIVER		2000 2121 2653 4779 4917 5511 6181 7279
22 Circle	e enclosed attac	hmants.										
	e enclosed attac ectrical/Mecha		(1 full set re	q'd.)		2. Geologic Re	eport		3. DST Rep	ort	4. Direction	al Survey
5. Su	ndry Notice fo	r plugging	and cement	verification		6. Core Analys	-		7 Other:			·
34. I here	by certify that	the foregoi	ng and attac	hed informa	tion is co	mplete and corre	ct as determin	ed from	all available	records (see attac	ched instructio	ns):
		_	Elect			6389 Verified by ESOURCES, IN				tem.		
Name	(please print)	MARY A.	MAESTAS	i		<u></u>	Title <u>F</u>	REGUL/	ATORY ASS	SISTANT		
Signa	ture	(Eldellidoi	s Subplissi	on) Me	enfa	<u> </u>	Date <u>0</u>	)1/16/20	009			
						e it a crime for an				to make to any de	partment or ag	gency

### East Chapita 68-04 - ADDITIONAL REMARKS (CONTINUED):

#### 26. PERFORATION RECORD

8200-8304	3/spf
8040-8149	3/spf
7726-7992	3/spf
7282-7557	3/spf
7010-7229	3/spf
6563-6902	3/spf
6169-6470	3/spf
5642-5918	3/spf
5400-5445	3/spf

#### 27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.

	10 ; 0112 ; 1121 ; 11121 ; 02121 ; 0 4 <u>2</u> ; 11
8200-8304	47,831 GALS GELLED WATER & 154,700# 20/40 SAND
8040-8149	52,052 GALS GELLED WATER & 155,550# 20/40 SAND
7726-7992	42,341 GALS GELLED WATER & 131,200# 20/40 SAND
7282-7557	38,935 GALS GELLED WATER & 117,700# 20/40 SAND
7010-7229	48,100 GALS GELLED WATER & 139,800# 20/40 SAND
6563-6902	32,941 GALS GELLED WATER & 95,700# 20/40 SAND
6169-6470	32,525 GALS GELLED WATER & 92,200# 20/40 SAND
5642-5918	32,151 GALS GELLED WATER & 110,000# 20/40 SAND
5400-5445	36,893 GALS GELLED WATER & 111,200# 20/40 SAND

Perforated the Lower Price River from 8926-27', 8953-54', 8962-63', 8981-82', 8991-92', 9004-05', 9026-27', 9088-89', 9129-30', 9142-43', 9203-05' w/ 3 spf.

Perforated the Middle/Lower Price River from 8706-07', 8729-30', 8751-52', 8788-89', 8802-03', 8813-15', 8822-24', 8870-71', 8882-83', 8890-91' w/ 3 spf.

Perforated the Middle Price River from 8510-12', 8517-18', 8526-27', 8550-51', 8567-68', 8573-74', 8595-96', 8600-01', 8612-13', 8627-28', 8631-32' w/ 3 spf.

Perforated the Middle Price River from 8354-55', 8361-62', 8368-69', 8400-01', 8405-06', 8412-13', 8425-26', 8437-38', 8447-48', 8459-60', 8474-76' w/ 3 spf.

Perforated the Middle Price River from 8200-01', 8209-10', 8220-21', 8225-26', 8235-36', 8248-49', 8252-53', 8265-66', 8275-76', 8280-81', 8292-93', 8303-04' w/ 3 spf.

Perforated the Middle Price River from 8040-41', 8049-50', 8061-62', 8087-88', 8094-95', 8105-06', 8116-17', 8125-26', 8135-36', 8142-43', 8148-49' w/ 3 spf.

Perforated the Upper Price River from 7726-27', 7755-56', 7842-43', 7848-49', 7867-68', 7878-79', 7885-86', 7950-51', 7964-66', 7975-76', 7991-92' w/ 3 spf.

Perforated the Upper Price River from 7282-83', 7306-07', 7324-25', 7349-50', 7370-71', 7380-81', 7447-48', 7463-64', 7492-93', 7507-08', 7525-26', 7556-57' w/ 3 spf.

Perforated the North Horn from 7010-11', 7035-36', 7080-82', 7127-28', 7153-54', 7163-64', 7178-79', 7185-86', 7192-93', 7227-29' w/ 3 spf.

Perforated the Ba from 6563-64', 6597-98', 6614-15', 6635-36', 6696-99', 6745-46', 6793-94', 6828-29', 6873-74', 6901-02' w/ 3 spf.

Perforated the Ba from 6169-70', 6181-82', 6191-92', 6199-6200', 6213-14', 6274-75', 6285-86', 6310-11', 6345-46', 6375-76', 6404-05', 6469-70' w/ 3 spf.

Perforated the Ca from 5642-44', 5652-54', 5661-62', 5729-30', 5801-02', 5836-37', 5842-43', 5862-63', 5882-83', 5917-18' w/ 3 spf.

Perforated the Pp from 5400-02', 5407-09', 5416-18', 5420-22', 5426-28', 5443-45' w/ 3 spf.

#### 32. FORMATION (LOG) MARKERS

Middle Price River	8028
Lower Price River	8811
Sego	9356

## STATE OF UTAH G

REPORT OF WATER ENCOUNTERED DURING DRILLING

DEPARTMENT OF	NATURAL RES	OURCES
DIVISION OF O	IL, GAS AND	MINING

Well name and	number: East	Chapita 68-0	04				
API number: 4	304739279						
Well Location:	QQ <u>NWNW</u> Sec	tion <u>4</u>	Township <u>9S</u> Range <u>23E</u> Co	ounty_UINTAH			
Well operator:	EOG						
Address:	1060 E HWY 40						
	city VERNAL		state UT zip 84078	Phone: <u>(435) 781-9111</u>			
Drilling contract	tor: CRAIGS R	OUSTABOL	IT SERVICE				
Address:	PO BOX 41						
	city JENSEN		state UT zip 84035	Phone: (435) 781-1366			
Water encounte	ered (attach add	ditional page	es as needed):				
Γ	DEP <sup>-</sup>		VOLUME	QUALITY			
	FROM	то	(FLOW RATE OR HEAD)	(FRESH OR SALTY)			
			DRY	NOT WATER			
<u> </u>		_					
:							
-							
<u> </u>							
-		<u> </u>					
<u></u>							
Formation tops	: 1		2	3			
(Top to Bottom)			 5				
	7		8				
	10		11				
If an analysis h	as been made o	of the water	encountered, please attach a copy	of the report to this form.			
•	•	-	te to the best of my knowledge.				
NAME (PLEASE PRIN	Mary A. Mae	stas		egulatory Assistant			
SIGNATURE	Mary	a. W	and DATE 1/	16/2009			